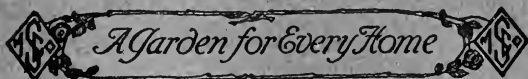


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Spring 1921

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Seeds

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MULLER-SEALEY CO., Inc.

Horticultural Specialists

145 West 45th Street

New York

Phone Bryant 9141



JOSEPH A. MULLER

JOHN MORRISON

FRANK G. SEALEY

145 West 45th Street,
New York City,
January 1, 1921.

We take pleasure in submitting this catalogue of Seeds, Bulbs, Plants, etc. for your kind attention.

In renewing our respectful acknowledgements to our customers and friends for their past favors, we beg to state that the present catalogue has undergone careful revision and will be found to contain, in addition to the varieties that have proved to be the best in their respective classes, many new and rare sorts.

Our customers may depend on getting the very best, combined with careful and prompt attention to their orders.

Our ability to aid in solving your horticultural problems is backed by the lifetime of practical experience in horticulture, which every member of our Company has to his credit. This, together with the underlying purpose of our organization, places us in a position to render service of the highest order. Correspondence on horticultural subjects is invited and your patronage is respectfully solicited.

MULLER-SEALEY COMPANY, INC.

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While we take all possible care to send out only such goods that under proper conditions produce satisfactory results, we still give no warranty as to description, quality or productiveness of any seeds, bulbs or plants we send out and will not be in any way responsible for the crop. All orders for articles named in this catalogue will be executed on these conditions only.

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MULLER-SEALEY CO., Inc.

Horticultural Specialists

145 W. 45th Street, New York City

Warehouse: 111 Montgomery St., Jersey City

Address All Communications to Our New York Office.



Novelties and Specialties in Flower Seeds for 1921

Brachycome iberidifolia, "Summer Beauty"

Of about 8 inches in height, the plant of this charming novelty forms erect little bushes, thickly bespangled with flowers of a pleasing, soft mauve tint with a dark center which shows up the prevailing shade most effectively. **Pkt. 50c.**

Calliopsis nana, "The Garnet"

A new and distinct annual variety, growing 1½ to 2 feet in height. It expands into a bush 2 or 3 feet across, literally covered by a multitude of glossy crimson-scarlet flowers. A most attractive and showy novelty. **Pkt. 50c.**

Cheiranthus linifolius

This charming hardy annual has aroused great admiration. It is of low spreading habit and rapidly covers itself with a cloud of Wallflower-like flowers of an uncommon shade of cool lilac and continues to bloom all through the Summer and Autumn. **Pkt. 25c.**

Celsia cretica

An excellent, half-hardy perennial plant producing on long stems numerous large yellow flowers, which continue to open during the entire Summer. Makes an excellent pot plant for the greenhouse or conservatory. **Pkt. 50c.**

Delphinium

New Annual Varieties

BLUE BUTTERFLY. A charming annual variety of dwarf habit having deep gentian-blue flowers; very useful for cutting. **Pkt. 25c.**

AZURE FAIRY. Similar in habit to Blue Butterfly, but with flowers of a lovely Cambridge Blue. **Pkt. 25c.**

Isoloma hirsutum hybridum

These new hybrids are the result of crossings of *Isoloma hirsutum multiflorum* with *Tydaea hybrida grandiflora*. The large flowers with their wonderful range of colors come from the *Tydaea*. They make splendid pot plants, blooming continuously from June until Winter. **Pkt. 50c.**

Poppy, Baker's Sunbeam

Award of Merit, R. H. S. A new race of Perennial Poppies resembling the Iceland Poppy but in length of stem, size of flower and robust habit they are far in advance of this well-known type.

Flowering from May until October they are ideal plants for the hardy border.

This fine novelty will flower the first year from seed if sown early.

Choice Mixed Colors. Pkt. 35c.

Sidalcea, Rose Queen

The raiser of this new *Sidalcea* describes it as the finest hardy perennial ever produced. Each plant develops a sheaf of spikes 5 to 6 feet high well furnished with beautiful rose-colored flowers during June and July. **Pkt. 25c.**

Novelties and Specialties in Flower Seeds for 1921

Streptocarpus, Rose Queen

The finest rose pink Streptocarpus in cultivation. The flowers are of enormous size and of a delightful rose-pink self color, with white throat. **Pkt. \$1.00.**

Thalictrum dipterocarpum

Recently introduced from China and is one of the finest hardy plants in cultivation. The individual flowers which are produced on long, graceful sprays have large, rosy-purple sepals and numerous pale yellow stamens and anthers, the two distinct colors making a very pretty combination. Very valuable as a cut flower, particularly for table decoration. 3 to 5 feet. **Pkt. 25c.**

Trachymene cærulea (Didiscus)

Commonly known as the "Blue Lace Flower." An attractive annual with delicate pale blue flowers, suitable either for greenhouse cultivation or for Summer bedding. The flowers last a long time when cut. 1½ feet. **Pkt. 25c.**

New Sweet Peas

English Novelties for 1921

MILDRED HOWARD (Award of Merit, R. H. S., 1920).

A splendid new Sweet Pea presenting a delightful combination of color, viz., a bright, warm shade of pink on a cream or buff ground. The flowers are very large and the plant is an extra strong grower. Highly recommended for table decoration. **Pkt. 50c.**

GLADYS. (Award of Merit, R. H. S.) A lovely shade of pure lilac self without the objectionable rose tint; strong grower, free flowering and nearly all fours. **Pkt. 50c.**

HAWLMARK LAVENDER. Considered the purest lavender-colored Sweet Pea that has been offered. Very robust and floriferous. **Pkt. 50c.**

HAWLMARK MAROON. Rich red maroon and considered the best of all dark colored Sweet Peas. Vigorous grower, producing long, strong stems. **Pkt. 50c.**

LE MAHDI. (Award of Merit, R. H. S., 1920.) Large flowers of a rich shade of purple, well placed on long, stiff stems, bearing four flowers. **Pkt. (12 seeds), 50c.**

MASCOTT'S HELIO. (Award of Merit, R. H. S., 1920.) A vigorous grower; well placed flowers and plenty of fours. Standard lavender with bronze tint; the wings tend to lavender. **Pkt. 50c.**

PICTURE. (Award of Merit, R. H. S., 1920.) Enormous flowers of perfect form. Color fresh-pink with a rosy flush, the whole suffused and shaded with creamy apricot. A delightful combination of tints. **Pkt. 50c.**

SENSATION. Rich dazzling scarlet, an outstanding color, far ahead of any in this shade of red. **Pkt. 50c.**

For General List of Flower Seeds, see page 22.



VEGETABLE SEEDS

Specialties and Choice Varieties

M.-S. Co.'s Extra Early Forcing Cauliflower

The earliest Cauliflower in cultivation and the best strain for growing under glass. The heads are beautifully close and white, habit dwarf and compact and may be planted closer than other kinds. **Pkt. 50c., $\frac{1}{4}$ oz. \$3.00, oz. \$10.00.**

Golden Cream Sweet Corn

A fine extra early variety on the order of Golden Bantam. Ears about the same size as the Bantam, but the grain is smaller, deep and zig-zagged and of a rich cream color. **Lb. 50c., 2 lbs. 95c., 8 lbs. \$3.60.**

Early Mayflower Sweet Corn

One of the earliest white-seeded varieties with large, well-filled ears, very sweet and tender. **Lb. 45c., 2 lbs. 85c., 8 lbs. \$3.20.**

Prizetaker Leek

The finest exhibition Leek in cultivation. The long pure white stems have a most attractive appearance. **Pkt. 25c., oz. 85c., $\frac{1}{4}$ lb. \$3.00.**

Ailsa Craig Onion

Handsome, oval shape, pale, straw-colored skin, flesh white and mild. The most popular Onion for exhibition. The seed we offer has been carefully selected. **Pkt. 25c., oz. 75c., $\frac{1}{4}$ lb. \$2.75.**

Dobbies' Exhibition Parsley

A dwarf and compact variety, exquisitely curled. Highly ornamental and unsurpassed for exhibition. **Pkt. 15c., 35c., $\frac{1}{4}$ lb. \$1.25.**

Blue Bantam Pea

Unequalled for extreme earliness, superb quality and unusual productiveness. The dwarf, vigorous vines average 15 inches in height. The pods are tightly packed with eight to ten large, deep, bluish-green wrinkled peas of excellent flavor. **Lb. 55c., 2 lbs. \$1.05, 8 lbs. \$4.00.**

Early Morn Pea

A fine, early variety producing a large number of well-filled pods each containing eight to ten wrinkled peas of the highest quality. Height $3\frac{1}{2}$ feet. **Lb. 60c., 2 lbs. \$1.15, 8 lbs. \$4.40.**

Early White Model Turnip

The earliest and most perfectly formed round white Turnip. The flesh is snowy-white, solid and mild in flavor. Admirably adapted for forcing. **Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.**



Artichoke

One ounce will sow 100 feet of row.

Pkt. Oz.

LARGE FRENCH GLOBE. The Standard Variety.....	\$0.25	\$1.25
ARTICHOKE PLANTS. Ready for shipment May 1st. See page 17.		
JERUSALEM TUBERS, peck, \$2.00		

Asparagus

One ounce will produce about 200 plants.

Pkt. Oz. $\frac{1}{4}$ Lb.

PALMETTO. The most popular variety, early and prolific.....	\$0.10	\$0.15	\$0.40
CONOVER'S COLOSSAL. Prolific and tender.....	.10	.15	.40
GIANT ARGENTEUIL. Very large thick green stalks.....	.10	.20	.50

Asparagus Roots

See page 17.

Beans—Dwarf or Bush

Green-Podded Varieties

One pound will plant 50 feet of drill.

Lb. 2 Lbs. 8 Lbs.

BLACK VALENTINE. A very early round-podded variety of excellent quality.....	\$0.35	\$0.65	\$2.40
BOUNTIFUL. One of the best of the flat-podded varieties, tender and stringless.....	.35	.65	2.40
EXTRA EARLY RED VALENTINE. One of the earliest, round, thick, solid pods, tender and prolific.....	.35	.65	2.40
FULL MEASURE. An excellent round-podded variety, producing enormous crops.....	.40	.75	2.80
GIANT STRINGLESS GREEN POD. The large round pods are entirely stringless and extremely tender.....	.40	.75	2.80
LONGFELLOW. Extra early, round pods, tender and stringless.....	.35	.65	2.40
REFUGEE 1,000 to 1. Medium to late, round pods, a popular sort for canning.....	.35	.65	2.40

Forcing Varieties

MASTERPIECE. Extensively used for forcing. The pods are long, straight, and produced in enormous numbers.....	.90	1.75
CARTER'S MAGPIE. A fine variety bearing a great crop of long fleshy pods coming to maturity very quickly.	1.00	

Beans—Dwarf or Bush

Wax-Podded Varieties

Lb. 2 Lbs. 8 Lbs.

IMPROVED GOLDEN WAX. The most popular and reliable Wax Bean. The pods are flat, straight and tender	\$0.40	\$0.75	\$2.80
PENCIL-POD BLACK WAX. Long, round stringless pods, free from fiber, and of the highest quality.....	.40	.75	2.80
WARDWELL'S KIDNEY WAX. An excellent main crop variety. The long, flat pods are fleshy, brittle and finely grained.....	.40	.75	2.80



BEANS, DWARF OR BUSH—Continued

Dwarf Shell Beans

Lb. 2 Lbs. 8 Lbs.

DWARF HORTICULTURAL. An excellent shell bean, also used as a green podded snap bean.....	\$0.40	\$0.75	\$2.80
WHITE MARROW. The most popular of all shell beans.....	.40	.75	2.80
WHITE KIDNEY. The beans are larger and longer than the Marrow....	.40	.75	2.80

Lima Beans—Dwarf or Bush

One pound will plant a row of 50 feet

Lb. 2 Lbs. 8 Lbs.

BURPEE'S IMPROVED BUSH LIMA. Considered the finest and largest Bush Lima ever introduced. The beans are very large and thick. A great improvement on the old Burpee Bush, which it has supplanted....	\$0.50	\$0.95	\$3.60
FORDHOOK BUSH LIMA. Entirely distinct in habit of growth. The stiffly erect bushes branch freely and bear enormous crops. The beans are large, tender, juicy and sweet.....	.50	.95	3.60
HENDERSON'S BUSH LIMA. The beans are small, very productive.....	.40	.75	2.80

Lima Beans, Pole

Lb. 2 Lbs. 8 Lbs.

LEVIATHAN EXTRA EARLY. The earliest of the Pole Limas and is a heavy cropper.....	\$0.45	\$0.85	\$3.20
BURPEE'S GIANT PODDED. The pods are immense in size, and usually contain five large beans of the most delicious flavor.....	.50	.95	3.60
LARGE WHITE. The old standard variety.....	.45	.85	3.20

Pole Beans

Lb. 2 Lbs. 8 Lbs.

KENTUCKY WONDER, OR OLD HOMESTEAD. The most popular of all Pole String Beans. The pods are green, very long and stringless....	\$0.40	\$0.75	\$2.80
SCARLET RUNNER. Used both as a string and shell bean. Bright scarlet flowers, very ornamental.....	.45	.85	3.20

Beet

One ounce will sow 50 feet of drill.

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

EARLY MODEL. One of the finest varieties having extremely small tops. Closely resembles Crimson Globe.....	\$0.10	\$0.20	\$0.60	\$2.00
CRIMSON GLOBE. Medium size, and perfect globe shape, smooth skin, small tops, and a rich dark blood red color.....	\$0.10	\$0.20	\$0.60	\$2.00
DETROIT DARK RED. This variety is of exceptionally fine quality and attractiveness. The root is a deep vermilion, red, crisp and sweet. The best to store for the winter.....	.10	.20	.60	2.00
EXTRA EARLY EGYPTIAN. Matures quickly. The root is decidedly flattened, turnip-shaped, flesh dark blood red....	.10	.20	.60	1.75



Swiss Chard

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

GIANT LUCULLUS. A delicious variety having green leaves which are remarkably crimped and curled. In flavor it is much superior to the common variety..... \$0.10 \$0.20 \$0.60 \$1.75

Sugar Beet

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

IMPERIAL WHITE SUGAR. Valued for its productiveness and large percentage of sugar \$0.05 \$0.15 \$0.40 \$1.25

Mangel Wurzel

Sow 6-8 pounds to the acre.

$\frac{1}{4}$ Lb. Lb.

MAMMOTH LONG RED. The largest and heaviest cropper of all the red sorts..... \$0.40 \$1.25

CHAMPION YELLOW GLOBE. Bright orange color, globe shape, adapted for shallow soils..... .40 1.25

GOLDEN TANKARD. Large, smooth yellow fleshed variety..... .40 1.25

Borecole, or Kale

One ounce will produce 3,000 plants.

Pkt. Oz. $\frac{1}{4}$ Lb.

DWARF GREEN CURLED SCOTCH A hardy, low growing variety, finely curled, of a deep green color, and delicate flavor..... \$0.10 \$0.25 \$0.85

TALL. Grows about two feet, with an abundance of dark green leaves..... .10 .25 .85

Brussels Sprouts

One ounce will produce 3,000 plants.

Pkt. Oz. $\frac{1}{4}$ Lb.

LONG ISLAND IMPROVED. A fine strain, large solid sprouts of excellent quality..... \$0.10 \$0.50 \$1.50

PROLIFIC EXHIBITION. A superior strain, very fine even-shaped sprouts of good size and flavor. Excellent for exhibition..... .20 1.00 3.50

Cabbage

One ounce will produce 3,000 plants.

Pkt. Oz. $\frac{1}{4}$ Lb.

COPENHAGEN MARKET. The earliest round head variety ever offered. The heads are round and solid, averaging 8-10 lbs. in weight. The plants are short-stemmed, placing the heads just above the level of the ground..... \$0.15 \$0.75 \$2.50

EARLY JERSEY WAKEFIELD. This variety is very popular and is considered the best early pointed headed sort..... .10 .60 \$2.00

DANISH BALL HEAD. A medium sized solid heading sort valuable for winter use..... .10 .60 2.00

LARGE LATE FLAT DUTCH. Produces a large, slightly flattened head of great solidity and fine texture... .10 .50 1.75

SUCCESSION. A fine second early sort producing large, solid, flat heads .10 .60 2.00

MAMMOTH ROCK RED. Round, solid heads of deep red color..... .10 .60 2.00

SAVOY PERFECTION DRUM-HEAD. The hardest heading, and best all round Savoy Cabbage..... .10 .60 2.00



Chinese, or Celery Cabbage

(Pe-Tsai)

Pkt. Oz. $\frac{1}{4}$ Lb.

This delicious Chinese vegetable belongs to the Cabbage family and closely resembles a Cos Lettuce but is heavier. It may be eaten raw as a salad or boiled like cabbage.....

\$0.15 \$0.75 \$2.50

Carrot

One ounce will sow 100 feet of drill.

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

CHANTENAY HALF-LONG.

A splendid half-long stump rooted variety and one of the best for table use. The flesh is fine grained and free from core. Skin smooth and of a deep orange color.....

\$0.10 0.20 \$0.60 \$2.00

DANVERS' IMPROVED HALF LONG.

A favorite sort, slightly longer than Chantenay, tapering to a blunt point.....

.10 .20 .60 2.00

EARLY FRENCH FORCING.

Early, tender and sweet.....

.10 .30 .75

EARLY SCARLET HORN.

A popular early sort.....

.10 .20 .60 2.00

GUERANDE, OR OXHEART.

Stump rooted, specially adapted to shallow soil.....

.10 .20 .60 2.00

LONG ORANGE IMPROVED.

A long variety of fine quality used both for field and garden culture.....

.10 .20 .60 2.00

KELWAY'S INTERMEDIATE.

The brightest scarlet skin, and smoothest grain of all the half-long carrots. It is of the most perfect form, the roots are pointed, with a broad high shoulder; unequalled for exhibition.....

.15 .40 1.40

WHITE BELGIAN.

Flesh white and coarse, desirable for stock feeding.....

.05 .20 .60 2.00

Cauliflower

One ounce of seed produces about 3,000 plants.

Pkt. $\frac{1}{4}$ Oz. Oz.

M.-S. CO'S EXTRA EARLY FORCING.

The earliest Cauliflower in cultivation and the best strain for growing under glass. The heads are beautifully close and white, habit dwarf and compact, and may be planted closer than other kinds.....

\$0.50 \$3.00 \$10.00

EARLIEST DWARF ERFURT.

Heads solid, compact, and snow white.....

\$0.50 \$2.50 \$8.00

EARLY SNOWBALL.

Selected strain, solid snow white heads.....

.25 1.50 5.00

DRY WEATHER, OR DANISH GIANT.

Specially recommended for growing in dry locations. The heads are large pure white and of fine quality.....

.25 2.00 7.00

VEITCH'S AUTUMN GIANT.

The best late sort, large and vigorous.....

.15 .35 1.25



Celery

One ounce of seed will produce 5,000 plants.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
IMPROVED GOLDEN SELF-BLANCHING (FRENCH GROWN). Rich golden yellow, crisp, tender and of fine flavor.....	\$0.15	\$1.30	\$4.00
EASY BLANCHING. A valuable sort. Color light golden and blanches very easily.....	.15	1.00	3.00
IMPROVED WHITE PLUME. Popular early variety that requires very little bleaching.....	.10	.50	1.50
GIANT PASCAL. Stalks solid and crisp, golden yellow heart, one of the best for winter use.....	.10	.40	1.25
WINTER KING. The most valuable winter celery.....	.10	.50	1.50
PINK PLUME. Large, and of fine quality.....	.10	.50	1.50

Celeriac, or Turnip-Rooted Celery

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
GIANT SMOOTH PRAGUE. Large and smooth, the best sort.....	\$0.10	\$0.50	\$1.50

Chervil

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
EXTRA CURLED. Beautifully curled, leaves resembling parsley, used for garnishing and flavoring soups and salads.....	\$0.10	\$0.60	\$1.00

Chicory

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
WITLOOF, OR FRENCH ENDIVE. The stalks when blanched are used for salad.....	\$0.10	\$0.50	\$1.50
LARGE ROOTED. The dried roots are roasted and used as a substitute for coffee.....	.10	.40	1.25

Corn Salad

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
LARGE SEEDED. Vigorous variety, large round grayish green leaves .	\$0.10	\$0.30	\$1.00

Cress, or Peppergrass

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
EXTRA CURLED. The leaves make a delicious salad.....	\$0.05	\$0.20	\$0.50
TRUE WATER CRESS. For growing along banks of streams or moist situations.....	.15	1.00	



Corn—Sweet, or Sugar

One pound will plant 100 hills.

Lb. 2 Lbs. 8 Lbs.

GOLDEN BANTAM. Early golden yellow, ears 6-7 inches long, eight-rowed. Delightful rich, sweet flavor.	\$0.40	\$0.75	\$2.80
BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen, and a most excellent sort. Ears 8 inches long and 12-rowed. The grains are deep and of a rich golden yellow. Medium early....	.50	.95	3.60
KENDEL'S EARLY GIANT. A large eared second early variety of excellent quality.....	.40	.75	2.80
ARISTOCRAT. A most desirable extra early dwarf sort. Ears eight inches long, 8-rowed.....	.50	.95	3.60
GOLDEN CREAM. An early variety with rich cream-colored grains, fine quality, very tender and sweet.....	.50	.95	3.60
EARLY MAYFLOWER. A fine extra early variety, with large well-filled ears, very sweet and tender.....	.45	.85	3.20
MAMMOTH WHITE CORY. One of the earliest and best. Ears 7-8 inches long, sweet and tender.....	.40	.75	2.80
HOWLING MOB. One of the finest second early sorts, large ears, very productive.....	.40	.75	2.80
BLACK MEXICAN. One of the sweetest, bluish black when ripe, medium early.....	.40	.75	2.80
COUNTRY GENTLEMAN. Well-known late variety of excellent quality.....	.45	.85	3.20
STOWELL'S EVERGREEN. The best known sweet corn. Large ears of excellent quality.....	.40	.75	2.80
SQUANTUM, OR POTTER'S EXCELSIOR. Fine large ears and deep grain, one of the sweetest, medium early.....	.40	.75	2.80

Cucumber

One ounce will plant 50 hills.

Pkt. Oz. $\frac{1}{4}$ Lb.

DAVIS' PERFECT. An extra long, dark green type of White Spine, retains its color and good qualities long after being picked.....	\$0.10	\$0.25	\$0.75
EARLY FORTUNE. The finest type of White Spine yet introduced. Early, very productive and disease resistant. Flesh white, very firm and crisp.....	.10	.25	.75
IMPROVED EARLY WHITE SPINE. One of the very earliest of the White Spines.....	.10	.20	.60
IMPROVED LONG GREEN. A standard late well-known table sort.	.10	.25	.75
CHICAGO PICKLING Considered the best pickling sort.....	.10	.20	.60

English Forcing Cucumbers

IMPROVED TELEGRAPH. The most popular variety. Prolific and handsome.....	\$0.30
LOCKIE'S PERFECTION. Fine shape and color.....	.30



Egg Plant

One ounce will produce about 2,000 plants.

Pkt. ½ Oz. Oz.

NEW YORK IMPROVED PURPLE (Spineless). Plants produce four to six large oval fruits of dark purple color.....	\$0.10	\$0.40	\$0.75
BLACK BEAUTY. Earlier, but not as large as New York Purple.....	.10	.40	.75

Endive

One ounce will sow about 100 feet of drill.

Pkt. Oz. ¼ Lb.

BROAD-LEAVED BATAVIAN. (Es-carolle). One of the best varieties for salads. Leaves broad bright deep green.....	\$0.10	\$0.30	\$0.75
GREEN CURLED. The most hardy and vigorous sort.....	.10	.20	.60
MOSS CURLED. More compact than Green Curled.....	.10	.30	.75

Kohl-Rabi

Pkt. Oz. ¼ Lb.

SHORT LEAVED WHITE VIENNA. Extremely early with small tops.....	\$0.10	\$0.50	\$1.50
EARLY PURPLE VIENNA. Early, medium size and purple in color, flesh white.....	.10	.50	1.50

Leek

One ounce will sow 200 feet.

Pkt. Oz. ¼ Lb

LARGE AMERICAN FLAG. The favorite variety, large and vigorous..	\$0.10	\$0.35	\$1.25
MUSSELBURGH. Very hardy, large and extra fine quality.....	.10	.50	1.50
PRIZE TAKER. The finest exhibition Leek in cultivation. The long thick, pure white stems, have a most attractive appearance.....	.25	.85	3.00
PRODIGY. An excellent Leek of great length and thickness, very hardy and a fine exhibition variety.....	.20	.75	2.75

Lettuce

One ounce will sow 100 feet of drill.

Pkt. Oz. ¼ Lb.

ALL SEASONS. Large, medium, late heading sort.....	\$0.10	\$0.25	\$0.75
BIG BOSTON IMPROVED. Popular for outside culture as well as for forcing. Head large and compact, color light green, slightly tinged reddish brown.....	.10	.25	.75
BOSTON MARKET. Medium in size. early loose heading sort.....	.10	.20	.65
DEACON. Heads globular, somewhat flattened, excellent quality.....	.10	.20	.65
GRAND RAPIDS. The favorite loose leaved forcing lettuce, handsome and attractive.....	.10	.25	.75
HANSON IMPROVED. One of the most reliable sure heading sorts. Stands the heat well.....	.10	.25	.75
NEW YORK, OR WONDERFUL. Large, late globular heading variety.....	.10	.30	1.00
ICEBERG. Large, late, crisp, heading variety.....	.10	.30	1.00
MAMMOTH BLACK-SEEDED BUTTER. Heads large and firm, fine quality.....	.10	.25	.75
MIGNONETTE. Small, early and compact.....	.10	.30	1.00



LETTUCE—Continued

	Pkt.	Oz.	¼ Lb.
SIMPSON EARLY CURLED. Does not head but forms a close, compact mass of leaves.....	\$0.10	\$0.20	\$0.65
MAY KING. Extremely early, compact heading variety.....	.10	.25	.75
WAYAHEAD. Very early, sure heading variety.....	.10	.25	.75

Cos Varieties (Romaine)

	Pkt.	Oz.	¼ Lb.
PARIS WHITE COS. Long, smooth, narrow, upright leaves.....	\$0.10	\$0.25	\$0.75
TRIANON COS. Early self-closing....	.10	.25	.75

Melon—Musk

One ounce will plant 60 hills.

	Pkt.	Oz.	¼ Lb.
BURRELL'S GEM. An excellent small melon, fruit oblong and heavily netted, flesh deep salmon of fine quality.....	\$0.10	\$0.25	\$0.75
EMERALD GEM. Fine early variety. Fruits emerald green in color, globular, or slightly flattened, flesh very thick, of a rich salmon color.....	.10	.25	.75
HACKENSACK EXTRA EARLY IMPROVED. Matures very early, a large round melon of fine quality, flesh green.....	.10	.20	.65
MONTREAL MARKET. Excellent, very large, flesh green, remarkably thick, and of superior quality.....	.10	.25	.75
ROCKY FORD. A very popular and well known sort, fruits are oval. Flesh rich, green and very sweet.....	.10	.20	.65

English Forcing Varieties

	Pkt.
BLENHEIM ORANGE. Handsome scarlet fleshed variety, beautifully netted.....	\$0.50
EMINENCE. The flesh is white and of great depth, early and distinct.....	.50
KING GEORGE. Scarlet flesh, beautifully netted and of excellent flavor.....	.50
ROYAL SOVEREIGN. A beautiful golden color, slightly netted, flesh greenish-white and very deep.....	.50
SUTTON'S A1. Fruits large and densely netted, flesh thick, of a rich scarlet color, and delicious flavor.....	.50
SUTTON'S PERFECTION. Fruit of medium size, and handsomely netted, flesh green.....	.50

Melon—Water

One ounce will plant 30 hills.

	Pkt.	Oz.	¼ Lb.
COLE'S EARLY. One of the best of the early sorts, nearly round, flesh deep pink, seeds black.....	\$0.05	\$0.15	\$0.50
HUNGARIAN HONEY. A superb, early variety, uniformly globe-shaped, flesh brilliant red, seeds brown and very small.....	.10	.25	.75
KLECKLEY'S SWEETS. Oblong in form, dark green, flesh bright rich red, seeds white.....	.05	.15	.50
MOUNTAIN SWEET. An old popular sort, oblong in form, flesh red of good quality.....	.05	.15	.50
TOM WATSON. One of the best main crop varieties, and grows to a large size. Fruit long, flesh rich red and of excellent quality. Seeds white.....	.10	.25	.75
CITRON. Red-Seeded. The old red-seeded preserving melon.....	.10	.25	.75



Mushroom Spawn

Ten bricks will spawn about 10 feet square.

AMERICAN PURE CULTURE. Produces large crops of excellent quality. Per Brick, \$0.45; 10 Bricks, \$4.00; 100 Bricks, \$35.00.

Mustard

	Pkt.	Oz.	¼ Lb.
WHITE LONDON. The best variety for salad.....	\$0.05	\$0.15	\$0.35

Okra, or Gumbo

One ounce will plant 100 hills.

	Pkt.	Oz.	¼ Lb.
PERKIN'S LONG POD. One of the best and most productive.....	\$0.05	\$0.15	\$0.40
WHITE VELVET. Pods long, of a velvety white color.....	.05	.15	.40

Onion

One ounce will sow 100 feet of drill.

	Pkt.	Oz.	¼ Lb.
AILS CRAIG SELECTED. Hand-some oval shape, pale straw colored skin. Flesh white and mild. The most popular onion for exhibition....	\$0.25	\$0.75	\$2.75
LARGE RED WETHERSFIELD. Fine, large, flat sort, one of the best known types.....	.10	.50	\$1.50
PRIZETAKER. Large globe-shape of a light straw color, flesh mild.....	.10	.50	1.75
SOUTHPORT RED GLOBE. The best of the red onions.....	.10	.50	1.75
SOUTHPORT WHITE GLOBE. True globe form, flesh fine grained and exceedingly mild.....	.10	.60	2.00
SOUTHPORT YELLOW GLOBE. Deep yellow, flesh white, crisp and mild.....	.10	.50	1.50
WHITE PORTUGAL. A large, flat white onion of mild and pleasant flavor.....	.10	.50	1.75
YELLOW GLOBE DANVERS. The standard variety for main crop.....	.10	.50	1.50
VICTORIA CROSS. The bulbs are globe-shaped, skin clear yellow, and attain a great size, fine exhibition sort	.25	1.00	

Onion Sets

	Qt.	Pk.
RED ONION SETS	\$0.40	\$2.25
WHITE ONION SETS.....	.50	2.50
YELLOW ONION SETS.....	.40	2.25
SHALLOTS.....per lb.	\$0.75	

Parsley

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ Lb.
DOBBIE'S EXHIBITION. A dwarf and compact variety exquisitely curled, highly ornamental, and unsurpassed for exhibition.....	\$0.15	\$0.35	\$1.25
TRIPLE CURLED. Leaves dark green and beautifully curled, the most useful sort.....	.10	.20	.60
HAMBURG, OR ROOTED. Grown for its roots, which are used for flavoring soups.....	.10	.25	.75



Parsnip

One ounce will sow 200 feet of drill.

Pkt. Oz. $\frac{1}{4}$ Lb.

AMERICAN HOLLOW CROWN.

Better known and more generally grown than any other sort. The long, smooth roots are tender and sugary...

\$0.10 \$0.20 \$0.60

KELWAY'S DON.

The handsome form, size, whiteness of skin and flesh makes this variety specially valuable for exhibition.....

.10 .30 1.00

Peas

Extra Early Varieties

One pound will plant 50 feet of drill.

Lb. 2 Lbs. 8 Lbs.

FIRST OF ALL. Standard extra early prolific smooth pea, height $2\frac{1}{2}$ feet

\$0.45 \$0.85 \$3.20

GRADUS, OR PROSPERITY. Early large-podded variety of exquisite flavor. Height, 3 feet.....

.50 .95 3.60

BLUE BANTAM. Unequaled for extreme earliness, superb quality and unusual productiveness. Height, 15 inches.....

.55 1.05 4.00

EARLY MORN. An early variety producing a large number of well-filled pods each containing 8 to 10 wrinkled peas of the highest quality. Height, $3\frac{1}{2}$ feet.....

.60 1.15 4.40

LAXTONIAN. A large-podded dwarf variety on the order of Gradus. Height, $1\frac{1}{2}$ feet.....

.50 .95 3.60

LITTLE MARVEL. An extra fine dwarf pea, remarkably prolific.....

.50 .95 3.60

NOTT'S EXCELSIOR. Early and prolific. Height, 1 foot.....

.45 .85 3.20

SUTTON'S EXCELSIOR. An improvement on Nott's Excelsior with larger pods and greater productiveness. Height, 16 inches.....

.50 .95 3.60

THE PILOT. The best round-seeded blue variety, producing pods of the Gradus type, hardy and prolific. Height, $2\frac{1}{2}$ feet.....

.55 1.05 4.00

Second Early and Main Crop Varieties

Lb. 2 Lbs. 8 Lbs.

ALDERMAN. Of the Telephone type but with darker pods and peas. Height, 5 feet.....

\$0.50 \$0.95 \$3.60

CHAMPION OF ENGLAND. One of the best flavored late peas. Height, 5 feet.....

.50 .95 3.60

DWARF TELEPHONE, OR DAISY. Large dark green pods containing 8-9 green peas of the best quality. Height, $2\frac{1}{2}$ feet.....

.50 .95 3.60

DWARF CHAMPION. Large pods, vigorous grower. Height, 3 feet....

.45 .85 3.20

QUITE CONTENT. Enormous pods containing 9-10 large green peas of the best quality. Height, 5 feet.....

.60 1.15 4.40

TELEPHONE. An old standard high quality large podded pea. Height, 5 feet.....

.50 .95 3.60

Pepper

One ounce will produce about 2,000 plants.

	Pkt.	$\frac{1}{4}$ Oz.	Oz.
CHINESE GIANT. The largest of the mild red varieties.....	\$0.15	\$0.30	\$1.00
LARGE BELL, OR BULL NOSE. A standard early variety.....	.10	.25	.75
LONG RED CAYENNE. Bright red slender pods, hot and pungent.....	.10	.25	.75
SWEET MOUNTAIN. Large and handsome, mild flavor.....	.10	.25	.75
UPRIGHT SWEET SALAD. Bright scarlet, flesh mild and very sweet.....	.15	.30	1.00

Potatoes Maine Grown

Ten bushels cut tubers will plant one acre.

BEAUTY OF HEBRON. Flesh colored skin, pure white flesh, very productive, medium early.....	Market Price
BOVEE. Early and prolific, red skin, white flesh, of fine quality.....	Market Price
DIBBLE'S RUSSET. Considered one of the best main crop varieties.....	Market Price
CARMAN No. 1. A popular late sort, skin and flesh white.....	Market Price
EARLY ROSE. Early, productive and of excellent quality.....	Market Price
GOLD COIN. A splendid main crop variety, very productive.....	Market Price
GREEN MOUNTAIN IMPROVED. A well-known late sort. Skin smooth and white.....	Market Price
IRISH COBBLER. One of the best early varieties.....	Market Price

Pumpkin

One ounce will plant 50 hills.

	Oz.	$\frac{1}{4}$ Lb.	Lb.
CONNECTICUT FIELD. Grown in corn fields for stock.....	\$0.15	\$0.50	\$1.75
LARGE CHEESE. Large round flattened fruits, the best for family use.....	.20	.60	2.00
MAMMOTH TOURS. Very large. Salmon-orange skin.....	.25	.75	2.50
WINTER LUXURY. Round, medium in size with golden yellow skin, fine quality and a good keeper.....	.25	.90	3.00

Radish

One ounce will sow 100 feet of drill.

	Oz.	$\frac{1}{4}$ Lb.	Lb.
EARLY SCARLET TURNIP. Well known sort, quick grower.....	\$0.20	\$0.60	\$2.00
LARGE WHITE SUMMER TURNIP. Round, pure white, an excellent summer variety.....	.25	.75	2.50
NON PLUS ULTRA, OR FIREBALL. Bright scarlet, one of the best forcing varieties.....	.25	.75	2.50
EARLY SCARLET TURNIP, WHITE TIPPED. Round, deep scarlet shading to a white tip at the bottom.....	.20	.60	2.00

Olive-Shaped Varieties

FRENCH BREAKFAST. Oblong form, small, and quick grower, scarlet with white tip.....	.20	.60	2.00
EARLY SCARLET OLIVE-SHAPED. Early bright scarlet. Excellent for forcing.....	.25	.75	2.50



RADISH—Continued

Long Varieties

	Oz.	$\frac{1}{4}$ lb.	Lb.
ICICLE. The leading long white radish, and one of the earliest.....	\$0.25	\$0.75	\$2.50
LONG SCARLET SHORT TOP. Roots smooth and tender of a bright carmine red color.....	.20	.60	2.00

Fall, or Winter Varieties

LONG BLACK SPANISH. Late and hardy and nearly black in color.....	\$0.25	\$0.75	\$2.50
ROUND, BLACK SPANISH. Roots round, skin black.....	.25	.75	2.50
ROSE CHINA. One of the best winter sorts, roots are blunt at both ends. Skin deep rose color.....	.20	.60	2.00

Salsify, or Oyster Plant

One ounce will sow 75 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
MAMMOTH SANDWICH ISLAND. The best variety grown.....	\$0.10	\$0.50	\$1.50
SCORZONERA (Black Oyster Plant)	.10	.50	1.50

Sorrel

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
LARGE-LEAVED FRENCH. Used in salads.....	\$0.10	\$0.35	\$1.25

Spinach

One ounce will sow 100 feet of drill.

	Oz.	$\frac{1}{4}$ Lb.	Lb.
BLOOMSDALE SAVOY-LEAVED. Very early and hardy, curled and wrinkled leaves.....	\$0.15	\$0.35	\$1.00
LARGE VIROFLAY. Leaves broad, thick and arrow-shaped.....	.15	.35	1.00
LONG SEASON. Plant makes a dense, flat rosette, leaves broad, thick arrow-shaped and pointed.....	.20	.50	1.50
LONG STANDING. A popular standard summer spinach.....	.15	.35	1.00
VICTORIA. Leaves long, thick and wrinkled, dark green in color.....	.15	.35	1.00
PRICKLY OR WINTER. Vigorous and hardy.....	.15	.35	1.25
NEW ZEALAND. Entirely distinct plant, tall and spreading with numerous side shoots, can be picked continuously throughout the summer	.20	.60	2.00

Squash

One ounce Early Squash will plant 25 hills.

One ounce Marrow Squash will plant 50 hills.

Summer Bush Varieties

	Oz.	$\frac{1}{4}$ Lb.
COCOZELLA (ITALIAN VEGETABLE MARROW). Fruits oblong, color dark green.....	\$0.35	\$1.00
GIANT SUMMER CROOKNECK. The largest and one of the earliest of the summer varieties, very warty and deep orange in color.....	.35	1.00
WHITE BUSH SCALLOPED. Very early fruits creamy white, flattened and scalloped.....	.30	.90



SQUASH—Continued

Winter Trailing Varieties

	Oz.	¼ Lb.
BOSTON MARROW. Shell bright orange, flesh yellow and firm.....	\$0.25	\$0.75
DELICATA. Small oblong shell, creamy white.....	.30	.90
FORDHOOK. Small oblong variety, skin smooth yellow, flesh straw colored.....	.30	1.00
GOLDEN HUBBARD. Similar to the old Hubbard in form and habit. Shell orange red, flesh deep orange.....	.30	.90
IMPROVED HUBBARD. Well known, the popular late squash.....	.35	1.25
VEGETABLE MARROW. Oblong, shell pale yellow, flesh white.....	.35	1.00

Tomato

One ounce will produce 1,500 plants.

Forcing Varieties

	Pkt.	¼ Oz.
CARTER'S SUNRISE. Rich scarlet, medium sized, a fine forcer.....	\$0.25	
LISTER'S PROLIFIC. One of the best forcing tomatoes, also valuable for outdoor use. An enormous cropper, producing large clusters of bright scarlet fruit of the finest quality.....	.25	\$1.25
STIRLING CASTLE. A well known and popular forcing variety.....	.15	.75
SUTTON'S WINTER BEAUTY. Medium sized scarlet fruit, attractive and productive.....	.35	

Outdoor Tomatoes

	Pkt.	Oz.	¼ Lb.
ACME. A popular early sort.....	\$0.10	\$0.60	\$2.00
BONNY BEST. A fine early variety, smooth, solid and uniform, color bright red.....	.15	.60	2.00
EARLIANA. Considered the earliest and one of the best early sorts.....	.10	.60	2.00
JOHN BAER. One of the earliest, dwarf plants, fruits medium size. A valuable sort.....	.15	.75	2.50
PONDEROSA. One of the largest and best known varieties.....	.15	1.00	3.50
STONE. The standard sort, vigorous and productive.....	.10	.60	2.00
GOLDEN QUEEN. Large yellow.....	.15	.75	

Small-Fruited Tomatoes

	Pkt.	Oz.
RED PLUM. Plum shaped.....	\$0.15	\$0.75
YELLOW PLUM. Plum shaped.....	.15	.75
RED PEAR. Pear shaped.....	.15	.75
YELLOW PEAR. Pear shaped.....	.15	.75
RED PEACH. Resembles a peach, in size and shape.....	.15	.75

Turnip

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ Lb.	Lb.
EARLY SNOWBALL. Early, medium size, round, pure white skin and flesh.....	\$0.10	\$0.20	\$0.60	\$1.75
EXTRA EARLY WHITE MILAN. The earliest variety in cultivation.....	.15	.30	1.00	
LONG WHITE COW HORN. Long, white, resembling a cow's horn in shape.....	.10	.20	.65	2.00
QUICKSILVER. The quickest growing round white Turnip. Perfect globe-shape, white skinned, with solid white flesh..	.10	.40	1.25	



TURNIP—Continued

PURPLE TOP WHITE				
GLOBE. A standard variety, good keeper.....	Pkt. \$0.10	Oz. \$0.20	$\frac{1}{4}$ Lb. \$0.60	Lb. \$1.75
RED TOP STRAP-LEAVED.				
One of the best table varieties.....	.10	.20	.60	1.75
IMPROVED GOLDEN BALL.				
Golden yellow, globe-shaped, fine quality.....	.10	.20	.60	2.00
YELLOW STONE. Roots medium size and uniform, perfect globe shape, color pale yellow.....				
	.10	.20	.60	2.00

Turnip

Ruta Baga, or Swedish

LONG ISLAND IMPROVED PURPLE TOP. Roots globular and grows to a large size, with small short neck, skin and flesh bright yellow.....				
	.10	.20	.50	1.75
WHITE FRENCH. An excellent white variety, with firm, sweet flesh.....				
	.10	.20	.50	1.75

Herbs—Sweet and Medicinal

	Pkt.	Oz.
BASIL, SWEET. Used for flavoring soups....	\$0.10	\$0.40
BORAGE. The leaves are used in salads....	.10	.40
CARAWAY. The seeds are used in cakes and medicines.....	.10	.30
DILL. Seeds are used for flavoring.....	.10	.30
FENNEL, SWEET. For flavoring.....	.10	.30
FENNEL, FLORENCE. In flavor resembles celery.....	.10	.50
LAVENDER. For oil and distilled water....	.10	.60
MARJORAM, SWEET. Used in seasoning.....	.10	.75
ROSEMARY. Yields an aromatic oil and water.....	.15	.75
SAGE. A culinary herb, also used in medicine.....	.10	.50
SAVORY, SUMMER. Used as a culinary herb.....	.10	.40
THYME, BROAD-LEAVED. Used as a seasoning.....	.15	.75

Esculent Roots and Plants

	100	1000
ASPARAGUS ROOTS. Palmetto, three years old.....	\$2.50	\$20.00
ASPARAGUS ROOTS. Giant Argenteuil, three years old.....	2.50	20.00
ASPARAGUS ROOTS. Forcing clumps, five years old.....	20.00	
		Doz.
ARTICHOKE PLANTS. Green Globe.	\$2.50	
CHIVE PLANTS		3.00
MINT PLANTS		3.00
HORSE RADISH ROOTS. Maliner Kren.	\$1.50	
	100	Doz.
RHUBARB ROOTS. Extra strong.	\$30.00	\$3.00
TARRAGON ROOTS. Extra strong.		4.00



Farm and Field Seeds

Prices Subject to Change.

Barley

Sow 2 to 2½ bushels to the acre.

VERMONT CHAMPION. A standard variety.....	Bush \$4.50
BEARDLESS. Large heads, free from beards.....	4.75

Beans—Field

Sow ¾ bushel to the acre in drills.

SOJA. Mammoth Yellow.....	Bush \$7.00
VELVET BEAN. Largely grown for plowing under.....	Market Price

Buckwheat

Sow one bushel to the acre.

JAPANESE. Earliest and most productive. Bush (48 lbs.),	\$4.75.
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Field Corn

*Eight quarts will sow one acre in hills
3 bushels will sow one acre broadcast.*

Flint Varieties

GOLDEN NUGGET. The most prolific, earliest and best Flint corn. The ears are very long and are filled right out to the tip with large, deep kernels of a beautiful golden yellow color.....	Bush \$6.50
EARLY YELLOW CANADA. A popular early variety, small cob.....	5.00
LONGFELLOW. Long ears, very prolific.....	5.00
SANFORD WHITE FLINT. Medium sized ears, silvery white kernels.....	5.00

Dent Varieties

IMPROVED LEAMING. The most popular Dent variety. Large, handsome ears of a deep orange color.....	Bush \$5.00
EUREKA. Long ears, deep yellow grains, very early.....	5.50

Ensilage and Fodder Corn

SOUTHERN HORSETOOTH. A large, leafy grower, valuable for ensilage.....	Bush \$6.00
SWEET FODDER. Succulent and nutritious for feeding green.....	6.00

Millet

Sow one bushel to the acre. Lb. 100 lbs.

HUNGARIAN. A favorite summer forage crop.....	\$0.20	\$15.00
GOLDEN. A heavier cropper than the Hungarian.....	.20	14.00
JAPANESE. Grows tall, valuable forage..	.25	18.00

Selected Seed Oats

Sow 2 to 3 bushels to the acre, standard weight, 32 lbs. to the bushel.

STORM KING. An exceptionally fine grade of Long's Tartar. The kernels are large and plump. Straw long and stout, a heavy yielder.....	Bush. (32 lbs.) \$3.00
CLYDESDALE. A popular sort, early and productive,	Bush. (32 lbs.) \$2.50



FARM AND FIELD SEEDS—Continued

Peas

	Bush
CANADA FIELD. Valuable for cattle feeding, also used for ensilage.....	\$7.50
WHIPPOORWILL COW PEAS. A popular, early maturing variety and is largely grown.....	Market Price

Rape

*Sow ten pounds to the acre broadcast.
Sow four pounds to the acre in drills.*

	Lb.	100 Lbs.
DWARF ESSEX. Used for pasturing sheep. Its fattening properties are said to be better than clover.....	\$0.25	\$23.00

Rye

Sow two bushels to the acre.

	Bush.
SPRING. An excellent catch crop.....	\$4.00
MAMMOTH WINTER. Heavy heading and productive. Sow in August and September.....	4.25

Sunflower—Mammoth Russian

Sow five pounds to the acre.

Valued as an excellent and cheap food for fowls and a great egg producer.....Market Price.

Vetches, or Tares

Sow two bushels to the acre.

	Lb.	100 Lbs.
SPRING VETCHES. Valuable for soiling or for green manuring. Sometimes grown with oats for mowing and feeding to stock..	\$0.25	\$20.00
WINTER VETCHES. Also called Hairy Vetch, produces good crops on poor, sandy soils. Perfectly hardy.....	.45	40.00

Wheat—Spring

Sow two bushels to the acre.

MARQUIS (Beardless). Vigorous and productive.....	Market Price
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Wheat—Winter

JONES' RED WAVE (Beardless). Considered the best and most productive variety grown.....	Market Price
RURAL NEW YORKER (Bearded). The straw is tall and strong, with compact heads.....	Market Price

Clovers

Prices Subject to Change.

Sow 30 to 40 pounds to the acre.

	Lb.	100 Lbs.
ALFALFA, OR LUCERNE (Medicago Sativa). Valuable as a forage crop, produces enormous crops.....	\$0.55	\$45.00
ALSIKE CLOVER (Trifolium Hybridum). Very hardy, resists cold and wet.....	.70	60.00
CRIMSON OR SCARLET CLOVER (Trifolium Incarnatum). An annual variety of rapid growth valuable as a cover crop or for green manuring. Sow 20 pounds to the acre.....	.35	25.00



CLOVERS—Continued

	Lb.	100 Lbs.
MEDIUM RED CLOVER (<i>Trifolium Pratense</i>). The common red clover, and the most valuable.....	\$0.65	\$55.00
MAMMOTH RED CLOVER, OR PEA VINE. Grows taller and lasts longer than the Medium Red.....	.75	65.00
WHITE CLOVER (<i>Trifolium Repens</i>). The best variety for lawn mixtures.....	.90	80.00
SWEET CLOVER. BOKHARA (<i>Melilotus alba</i>). Used on poor, light soils, when other clovers do not take well.....	.45	35.00

General List of Grasses

Prices Subject to Change.

	Lb.	100 Lbs.
CANADA BLUE GRASS (<i>Poa Compressa</i>). Excellent for poor, dry soil.....	\$0.40	\$35.00
CREeping BENT GRASS. (<i>Agrostis Stolonifera</i>). Used extensively for lawns and putting green mixtures.....	1.00	95.00
CRESTED DOGSTAIL (<i>Cynosurus Cristatus</i>). Excellent for hard, dry soils.....	.70	65.00
ENGLISH RYE GRASS (Pacey's) (<i>Lolium Perenne</i>). Invaluable for permanent pasture mixtures.....	.25	20.00
FINE-LEAVED SHEEP FESCUE (<i>Festuca Ovina Tenuifolia</i>). A fine-leaved variety, valuable for putting greens.....	Price on application	
HARD FESCUE (<i>Festuca Duriuscula</i>). A dwarf growing hardy grass of great value. Rapid grower.....	.55	50.00
ITALIAN RYE GRASS (<i>Lolium Italicum</i>). Excellent for hay.....	.25	20.00
KENTUCKY BLUE GRASS (<i>Poa Pratensis</i>). One of the most valuable of our grasses.....	.60	55.00
MEADOW FESCUE (<i>Festuca Pratensis</i>). Valuable for permanent pasture.....	.60	55.00
MEADOW FOXTAIL (<i>Alopecurus Pratensis</i>). Should be included in all permanent pasture mixtures, matures early.....	.65	60.00
ORCHARD GRASS (<i>Dactylis Glomerata</i>). Valuable for sowing in shaded locations and among fruit trees in orchards.....	.45	40.00
RED TOP FANCY RE-CLEANED (<i>Agrostis Vulgaris</i>). Excellent for lawns and permanent pastures. Stands the heat admirably.....	.45	40.00
RED, OR CREEPING FESCUE (<i>Festuca rubra</i>). Forms a dense turf and adapted for dry soils. Valuable for golf courses....	.60	55.00
RHODE ISLAND BENT. (<i>Agrostis Canina</i>). A valuable permanent grass largely used for lawns.....	Price on application	
SHEEP FESCUE (<i>Festuca Ovina</i>). Thrives on dry uplands and on poor shallow soils...	.60	55.00
TIMOTHY (<i>Phleum Pratense</i>). The standard grass for hay.....	.25	20.00
WOOD MEADOW GRASS (<i>Poa Nemoralis</i>). Valuable for growing under trees and shaded situations.....	Price on application	



Lawn Seed Mixtures

M.-S. Co.'s Special Lawn Grass Mixture

This mixture is composed of the highest grade of re-cleaned seeds only, free from chaff and weeds. It is carefully blended and will produce a turf in six weeks that will retain its rich green color and velvety appearance throughout the entire summer.

For new lawns we recommend sowing 100 lbs. to the acre. For renovating lawns use half of this quantity. 10 lbs., \$5.00. 25 lbs., \$12.00. 100 lbs., \$45.00.

"Shady Place" Lawn Grass

This mixture is composed of grasses that are naturally adapted for growing under trees and shaded situations. 10 lbs., \$5.00. 25 lbs., \$12.00. 100 lbs., \$45.00.

Lawn Restoring Grass Mixture

A mixture of grasses suited to take firm hold and grow quickly on hard, worn out or burned spots. 10 lbs., \$4.50. 25 lbs., \$10.50. 100 lbs., \$40.00.

Lawn Tennis Grass Mixture

Composed of fine-leaved, deep rooting grasses that will produce a fine, close, elastic turf. 10 lbs., \$4.50. 25 lbs., \$10.50. 100 lbs., \$40.00.

Terrace Grass Mixture

A mixture of deep rooting grasses suited for terraces and embankments that takes firm hold and withstands drought and exposure. 10 lbs., \$4.50. 25 lbs., \$10.50. 100 lbs., \$40.00.

Seashore Grass Mixture

This mixture is composed of grasses that naturally thrive well on seaside lawns. 10 lbs., \$5.50. 25 lbs., \$13.00. 100 lbs., \$50.00.

Fair Green Mixture

Composed of dwarf spreading grasses forming a close, velvety surface that improves from year to year. 10 lbs., \$4.50. 25 lbs., \$10.50. 100 lbs., \$40.00.

Putting Green Mixture

This mixture consists of most suitable grasses for insuring a close, dense turf, essential for putting greens. 10 lbs., \$5.50. 25 lbs., \$13.00. 100 lbs., \$50.00.

Special Mixtures for Hay and Permanent Pasture

These mixtures include the most nutritive and productive grasses suitable for laying down light, medium and heavy soils to permanent grass. State nature of soil when ordering. 10 lbs., \$4.50. 25 lbs., \$10.50. 100 lbs., \$40.00

GENERAL LIST OF FLOWER SEEDS

Seeds of Stove and Greenhouse Plants

Pkt.

ABUTILON (Chinese Bell Flower). Valuable perennials for greenhouse decoration, flowering freely throughout the Summer and Autumn. Height 3 to 4 feet. Choice hybrids.....\$0.25

Acacia

Baileyana. Long sprays of bright yellow flowers.. .20
dealbata. A charming species with clear yellow, sweet-scented flowers..... .20

ANGELONIA grandiflora alba. Pretty greenhouse perennial, with numerous white flowers carried on graceful sprays..... .35

ARALIA Sieboldii. Handsome greenhouse shrub.. .25

ASPARAGUS plumosus nanus. Slender, fern-like foliage.....100 seeds \$1.00, .25
Sprengeri. Drooping variety, suitable for hanging baskets.....100 seeds 50c., .25

Calceolaria

JAMES' PRIZE. Saved from the finest flowers only, containing a rich and varied collection of beautifully blotched and self-colored flowers..... 1.00

Clibrani. Golden-yellow, very free flowering..... 1.00

Veitchii. A new hybrid, shrubby variety, carrying loose branching heads of creamy-white flowers.. 1.00

rugosa. Well-known golden-yellow bedding variety. .50

CELSIA cretica. An excellent half-hardy perennial plant producing on long stems numerous large yellow flowers which continue to open during the entire Summer..... .50

Cineraria hybrida

JAMES' PRIZE. A superb strain, noted for its compact, free flowering habit and variety of colors..... 1.00

hybrida. Crimson, Azure Blue, Dark Blue, Flesh. Each \$1.00,

stellata (Star Cineraria). Delicate, star-like flowers Blue, White, Pink.....Each \$1.00,

Cactus-Flowered. Large flowers, with narrow twisted petals..... 1.00

CLERODENDRON fallax. A handsome stove plant with brilliant scarlet flowers..... .75

Cyclamen, Giant Flowering

Our Cyclamen seed is grown by a leading English specialist and saved from his choicest and most perfect plants. Pkt.

Giant Crimson.....100 seeds \$2.50, \$0.75

Giant Pink.....100 seeds \$2.50, .75

Giant Salmon.....100 seeds \$2.50, .75

Giant White.....100 seeds \$2.50, .75

Princess May. White with rose tip. 100 seeds \$2.50, .75

Rosy Morn. Delicate rose.....100 seeds \$2.50, .75

Mrs. Buckston. Rich salmon-pink, heavily fringed 1.00

Choice Mixed.....100 seeds \$2.50, .75



SEEDS OF STOVE AND GREENHOUSE PLANTS—Cont'd

	Pkt.
COLEUS. New, large-leaved hybrids.....	\$0.25
EUCALYPTUS globulus (Blue Gum Tree). Hand- some half-hardy perennial, foliage bluish-green.	.20
FRANCOA ramosa. Charming, half-hardy peren- nial, producing long spikes of pure white flowers.	.25
GERBERA Jamesonii Hybrids (Transvaal Daisy). Elegant, star-shaped flowers in a wonderful va- riety of color, produced on long stems and when cut retain their freshness for two weeks.....	.75

Gloxinias

These beautiful plants are exceedingly useful and popu-
lar, and are readily raised from seed.

Choice Mixed Colors	Pkt. \$1.00
GREVILLEA robusta (Silk Oak). Useful ornamen- tal foliage plant, with fern-like foliage.....	.20

Impatiens

Charming, tender perennials for the greenhouse or con-
servatory, blooming continuously.

Holstii. Orange-scarlet.....	Pkt. \$0.25
Holstii Hybrids. Includes a wide range of colors, from lilac to ruby and salmon-pink to vermilion- scarlet.....	.25
KALANCHOE flammea. A showy greenhouse plant with heads of brilliant orange-scarlet flowers, lasting well when cut.....	.50

Primula sinensis fimbriata

Charming greenhouse perennials. We can recommend
our strains as being second to none for size, vigor of growth
and free flowering properties.

Giant Blue	Giant White	Giant Pink
Giant Salmon	Giant Red	Giant Mixed
Each, Pkt. \$1.00.		

Primula stellata (Star Primula)

Crimson Star	Blue Star
Salmon-Pink Star	White Star
Choice Mixed	
Each, Pkt. \$1.00.	

Primula obconica gigantea

A greatly improved form of *Primula obconica*, the
flowers are nearly as large as those of *Primula sinensis*.

Gigantea, Crimson	Gigantea, Rose
Gigantea, White	Choice Mixed
Each, Pkt. 75c.	

Primula malacoides

Dainty Primulas of light habit, invaluable for green-
house decoration during Winter.

Lilac	White
Rose	Superba. Deep pink, fine
Each, pkt. 50c.	

	Pkt.
PRIMULA kewensis. A distinct variety with soft yellow flowers.....	\$0.50
SMILAX. A popular greenhouse climber with small, dark green foliage.....	¼ oz. 30c., .10
SOLANUM capsicastrum. Greenhouse shrub with scarlet berries, excellent plants for Winter deco- ration.....	.20
STEVIA serrata. Greenhouse perennial with grace- ful sprays of tiny flowers valuable for cutting...	.15
STREPTOCARPUS. Charming greenhouse peren- nials, with clusters of Achimene-like flowers.	
Giant Hybrids Mixed.....	.50
TECOMA Smithii. Beautiful greenhouse plant with large heads of orange-colored blossoms.....	.35

Annuals

Annuals grow and bloom, mature their seed and then die the same year. They offer a large field for selection and are found in every conceivable shade of color.

Pkt.

ACROCLINIUM. Handsome, everlasting flowers, half-hardy annuals. Height 1 ft.

Choice Mixed\$0.10

Ageratum

Useful bedding plants, effective and showy, continuing long in bloom. Half-hardy annuals. Pkt.

Blue Perfection. Dark blue, large, 18 in. $\frac{1}{4}$ oz. 50c., .15

Dwarf Blue. 9 in. $\frac{1}{4}$ oz. 60c., .15

Dwarf White. 9 in. $\frac{1}{4}$ oz. 50c., .10

Blue Star. A miniature variety with lavender flowers, 6 in.25

Swanley Blue. A handsome, large-flowered dwarf variety.20

AGROSTEMMA Coeli-rosa (Rose of Heaven). Free flowering hardy annual with bright rose flowers. 18 in.10

ALONSOA Warscewiczii. Showy, half-hardy annual. Excellent for conservatory decoration. 15 in.15

Alyssum

Well-known, free flowering hardy annuals with white flowers, suitable for borders. Pkt.

Benthami (Sweet Alyssum). 12 in. Oz. 50c., \$0.05

Carpet of Snow. Dwarf and compact, desirable for edgings. 4 in. Oz. \$1.25, .15

Little Gem. Free flowering variety, of erect growth. 6 in. Oz. \$1.00, .10

Amaranthus

Handsome foliage plants, suitable for pots or borders. Half-hardy annuals. Pkt.

caudatus (Love Lies Bleeding). Drooping crimson racemes. 3 ft. $\frac{1}{4}$ oz. 25c., \$0.10

salicifolius (Fountain Plant). Red and yellow foliage. 3 ft. $\frac{1}{4}$ oz. 40c., .10

tricolor (Joseph's Coat). Scarlet, yellow and green foliage. 2 ft. $\frac{1}{4}$ oz. 50c., .15

ARCTOTIS grandis. Beautiful, Daisy-like flowers, with pure white and lilac petals. Half-hardy annual. $2\frac{1}{2}$ ft.15

ARTEMISIA saccorum viridis (Summer Fir). A graceful foliage plant of rapid growth and pyramidal habit. Excellent in groups in the border, also valuable as a pot plant. Half-hardy annual. 3 to 4 ft.25

ASPERULEA azurea setosa. Clusters of fragrant blue flowers, valuable for bouquets. Hardy annual 12 in.15

Correspondence on Horticultural subjects will receive prompt and careful attention.



ANNUALS—Continued

Antirrhinum (Snapdragon)

The Antirrhinum is treated as an annual and the seed sown every year, the rich spikes are beautiful for cutting.

Tall Varieties, 3 ft. Pkt.

Giant Pink	$\frac{1}{4}$ oz. 60c.	\$0.15
Giant Coral Red	$\frac{1}{4}$ oz. 60c.,	.15
Giant Scarlet	$\frac{1}{4}$ oz. 60c.,	.15
Giant White	$\frac{1}{4}$ oz. 60c.,	.15
Giant Yellow	$\frac{1}{4}$ oz. 60c.,	.15
Giant Rose Dore. Salmon-rose shaded gold.....	$\frac{1}{4}$ oz. \$1.00,	.25
Giant Flamingo. Terra cotta, with yellow center..		.25
Giant Venus. Delicate pink, with white throat....	$\frac{1}{4}$ oz. 75c.,	.15
Giant Silver Pink. Soft silvery pink, a most pleasing color.....		.50
Giant Choice Mixed	$\frac{1}{4}$ oz. 50c.,	.10

Intermediate Varieties, 1½ ft.

Black Prince. Deep crimson, dark leaved.....	$\frac{1}{4}$ oz. 75c.,	.15
Defiance. Fiery scarlet.....	$\frac{1}{4}$ oz. 75c.,	.15
Nelrose. Light pink.....		.25
Queen of the North. Pure white.....	$\frac{1}{4}$ oz. 60c.,	.15
Golden Queen. Pure yellow.....	$\frac{1}{4}$ oz. 60c.,	.15
Choice Mixed	$\frac{1}{4}$ oz. 60c.,	.15

Tom Thumb Varieties, 6 to 8 in.

Crimson.....		.20
Rose.....		.20
White.....		.20
Yellow.....		.20
Choice Mixed.....		.15

Asters

These showy, half-hardy annuals are universal favorites and useful alike for bedding and for cut flowers. Our strains are exceptionally fine and can be relied upon to produce the very best results.

American Beauty Asters

Giant branching type with large, full flowers and incurved petals borne on stout stems.

	Pkt.
Lavender	\$0.25
September Pink.....	.25
Purple.....	.25
Rose.....	.25

Semple's Giant Branching Asters

The latest blooming and tallest of all large flowering Asters.

	Pkt.
Giant Azure Blue	$\frac{1}{4}$ oz. 85c. \$0.10
Giant Crimson	$\frac{1}{4}$ oz. 85c., .10
Giant Lavender	$\frac{1}{4}$ oz. 85c., .10
Giant Scarlet	$\frac{1}{4}$ oz. 85c., .10
Giant Rose	$\frac{1}{4}$ oz. 85c., .10
Giant Pink	$\frac{1}{4}$ oz. 85c., .10
Giant White	$\frac{1}{4}$ oz. 85c., .10
Giant Mixed	$\frac{1}{4}$ oz. 85c., .10

Giant Comet Asters

Large flowers, with long, wavy, twisted petals like Japanese Chrysanthemums.

Crimson	Pink	Lavender
Light Blue	White	Dark Blue
Rose	Mixed	
Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.00.		



ASTERS—Continued

Improved Crego Asters

Large, loose, feathery heads of the Comet type. Early.

Crimson	Purple	Dark Blue
Pink	Lavender	White
Choice Mixed		
Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.00.		

Ostrich Feather Asters

One of the most beautiful Asters, having long, wavy petals of graceful form.

Crimson	Rose	Dark Blue
Light Blue	Pink	White
Choice Mixed		
Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.25.		

King Asters

A distinct type of branching habit, with large flowers on long stems; the petals are long and narrow and folded lengthwise.

Violet King	Rose King
Lavender King	White King
Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.25.	

Victoria Asters

The flowers are large and very double, with recurved petals, excellent for bedding.

Crimson	White	Dark Blue
Pink	Light Blue	Mixed
Each, pkt. 20c., $\frac{1}{4}$ oz. \$1.50.		

Giant Single Asters

Dark Blue	White	Pink
Scarlet	Lavender	Mixed
Each, pkt. 10c., $\frac{1}{4}$ oz. 75c.		

Asterum

The flowers of this type closely resemble a Japanese Chrysanthemum. They are immense in size, with beautifully curled and twisted petals. A distinct and unique class.

Lavender	Choice Mixed	Rose
Pink		White
Each, pkt. 15c., $\frac{1}{4}$ oz. 75c.		

Balsam

Beautiful, half-hardy annuals, suitable either for pots or planting in borders. 2 feet. Pkt.

Camellia Flowered, White Perfection.	$\frac{1}{4}$ oz. 60c.	\$0.15
Camellia Flowered, Salmon.	$\frac{1}{4}$ oz. 60c.,	.15
Camellia Flowered, Scarlet.	$\frac{1}{4}$ oz. 60c.,	.15
Camellia Flowered, Rose.	$\frac{1}{4}$ oz. 60c.,	.15
Camellia Flowered, Choice Mixed.	$\frac{1}{4}$ oz. 50c.,	.10

BARTONIA aurea. Showy, hardy annuals, having a profusion of golden yellow flowers. 18 in.15

Begonia, Tuberous-Rooted

The single Tuberous Begonias are recognized as indispensable in every garden for bedding purposes. For pot culture they are also exceedingly useful, double varieties succeed best when grown as pot plants. Pkt.

Laing's Gold Medal Hybrids.	Single Mixed.....	\$0.75
Laing's Gold Medal Hybrids.	Double Mixed.....	1.00



BEGONIA—Continued

Fibrous Rooted Varieties

Extensively used for bedding, flowering profusely throughout the Summer. Pkt.

gracilis, Pink	\$0.25
gracilis, Crimson.....	.25
gracilis, White Pearl.....	.25
gracilis luminosa. Deep scarlet, foliage crimson-bronze.....	.25
Erfordia. Rosy carmine flowers, with small, glossy, dark-green leaves.....	.50
Erfordia Red. Deep red flowers and dark, coppery foliage.....	.50
Dwarf Vernon. Rich red flowers, bronze-red foliage.....	.25
Salmon Queen. Brilliant salmon-red, crimson foliage.....	.25

Brachycome iberidifolia (Swan River Daisy)

Neat and free blooming, half-hardy annual with small, Cineraria-like flowers. 9 in. Pkt.

Pale Blue	White	Purple
Each, pkt. 15c., ¼ oz. 60c.		

BROWALLIA. Pretty, half-hardy annual suitable for Summer bedding, also valuable as a greenhouse pot plant. 18 in. Pkt.

speciosa major. A beautiful variety with large, bright violet-blue flowers.....	\$0.25
elata alba. White.....	.20
elata cœrulea. Bright blue, foliage glossy green..	.20

CACALIA coccinea (Tassel Flower). Hardy annual with bright, orange-scarlet, tassel-like flowers; fine for cutting. 18 in. ¼ oz. 30c., .10

Calendula (Pot Marigold)

Valuable hardy annuals producing abundance of showy flowers until cut down by frost. 12 in.

officinalis, fl. pl., Orange King. Large, deep yellow.....	Oz. 60c. \$0.10
officinalis fl. pl., Lemon Queen. Clear, lemon-yellow.....	Oz. 60c., .10
officinalis Meteor fl. pl. Large lemon, striped with white.....	Oz. 50c., .10
Pluvialis (Cape Marigold). Large, single white flowers.....	.15

Calliopsis

Well-known, free flowering hardy annuals, producing flowers for a long period. Pkt.

Drummondii (Golden Wave). Golden yellow, with brown center. 12 in.....	Oz. 65c. \$0.10
tinctoria. Yellow, dark center. 2 ft.....	Oz. 60c., .10
atrosanguinea. Deep crimson. 2 ft... ¼ oz.	.25c., .10
Tom Thumb Crimson King. Rich, dark crimson. 8 in.....	¼ oz. 20c., .10
Choice Mixed	Oz. 60c., .10

Candytuft (Iberis)

Showy, free flowering hardy annuals, valuable for cutting. Pkt.

Crimson	Oz. 50c. \$0.10
Flesh Color	Oz. 50c., .10
Lavender	¼ oz. 20c., .15
Rose Cardinal. Rich and striking color. ¼ oz.	.50c., .15
Empress. Large white with long flower trusses extensively used for forcing.....	Oz. 75c., .10
Giant Hyacinth Flowered. Immense spikes of pure white flowers.....	Oz. \$1.00, .10
Choice Mixed	Oz. 50c., .10



Celosia pyramidalis

(Celosia Thompsoni magnifica)

Very attractive for bedding and make excellent pot plants. 2 feet. Pkt.

plumosa aurea.	Rich yellow.....	1/8 oz.	50c.	\$0.15
plumosa coccinea.	Crimson.....	1/8 oz.	50c.,	.15
plumosa rosea.....		1/8 oz.	50c.,	.15
plumosa, Choice Mixed.....		1/8 oz.	50c.,	.15

Celosia cristata (Cockscomb)

Showy annuals, producing large, comb-like flower heads.

GLASGOW PRIZE. Exceptionally fine strain, saved from flowers of great size and dwarf habit.

Crimson	Golden Yellow	Rose
Each, pkt. 20c.		

CELOSIA Childsii (Chinese Woolflower). Deep crimson scarlet flowers, in appearance like balls of scarlet wool.....\$0.15

Centaurea cyanus (Bachelor's Button)

Useful, free flowering hardy annuals. 2 feet.

Single Rose	Single Blue
Single White	Single Mixed
Each, pkt. 10c., oz. 50c.	
Double Rose	Double Blue
Double White	Double Mixed
Each, pkt. 15c., 1/4 oz. 50c.	

Centaurea imperialis

(Regal Sweet Sultan)

A giant flowering variety; fine for cutting.

Blue	Choice Mixed	Lilac
Pink		White
Each, pkt. 15c., 1/4 oz. 60c.		

Centaurea moschata

(Sweet Sultan)

Showy and fragrant hardy annuals.

Blue	Rose
White	Mixed
Each, pkt. 10c., oz. \$1.00.	

Various Annual Centaureas

americana.	Large flowers, of a beautiful light lilac color.....	1/4 oz.	75c.	\$0.15
americana alba.	White.....			.25
suaveolens (Yellow Sweet Sultan).	Bright yellow	1/4 oz.	40c.,	.10

Centaurea, Foliage Varieties

candidissima.	White, broad foliage.....	.20
gymnocarpa.	White, narrow foliage.....	.20

Chrysanthemum

Very useful and showy hardy annuals, producing quantities of bloom for a long period.

Single Varieties

			Pkt.
Evening Star.	Rich bright golden-yellow..	1/4 oz.	35c. \$0.15
Morning Star.	Large primrose flowers..	1/4 oz.	35c., .15
Northern Star.	Large, white flowers, dark center.	1/4 oz.	35c., .15
Choice Mixed.....		Oz.	50c., .10

Double Varieties

inodorum Bridal Robe.	A compact and upright variety with pure white flowers.....	.20
coronarium, Golden Queen.....		.15
coronarium, White Pearl.....		.15
CINERARIA maritima.	Silvery green, lacinated foliage.....	.15



Clarkias

Handsome, showy annuals deserving extensive cultivation. They flower profusely and are exceedingly bright and attractive, especially in large masses. 1 to 1½ ft.

		Pkt.
Carmine Queen.	Bright carmine.....	¼ oz. 50c. \$0.15
Chamoise Queen.	Pale chamoise.....	¼ oz. 50c., .15
Orange King.	Bright orange-scarlet....	¼ oz. 50c., .15
Scarlet Queen.	Orange-scarlet.....	¼ oz. 50c., .15

CLEOME pungens (Spider Plant). A robust annual with clusters of rose-colored flowers. 4 ft.10

Cosmos

Beautiful Autumn flowering, tall growing annuals.

Large Flowering Varieties

		Pkt.
Mammoth Perfection.	Crimson.....	¼ oz. 35c. \$0.10
Mammoth Perfection.	Pink.....	¼ oz. 35c., .10
Mammoth Perfection.	White.....	¼ oz. 35c., .10
Mammoth Perfection.	Mixed.....	¼ oz. 35c., .10
Lady Lenox.	Pink. Flowers of enormous size.....	¼ oz. 75c., .15
Lady Lenox.	White.....	¼ oz. 75c., .15
Klondyke.	Orange flowered.....	¼ oz. \$1.00, .20

Early Flowering Varieties

If sown in May in the open ground will usually bloom by the second week in July.

Crimson
White

Pink
Mixed

Each, Pkt. 15c., ¼ oz. 75c.

Double Crested Cosmos

A new class producing double flowers, beautifully crested and most striking in appearance.

		Pkt.
Crimson King.	A beautiful shade.....	⅛ oz. \$1.50, \$0.25
Pink Beauty.	Shell-pink.....	⅛ oz. \$1.50, .25
White Queen.	Pure white.....	⅛ oz. \$1.50, .25

Dahlia

Easily raised from seed sown early in the house or greenhouse, flowering the same season.

		Pkt.
Choice Single Mixed.		\$0.15
Choice Double Mixed.		.15
Choice Cactus Flowered.		.20
Choice Peony Flowered.		.20

Delphinium (New Annual Varieties)

Blue Butterfly.	A charming annual variety of dwarf habit, having deep gentian blue flowers, very useful for cutting. 12 in. ....	.25
Azure Fairy.	Similar in habit to Blue Butterfly, but with flowers of a lovely Cambridge blue. ....	.25

Dianthus

These beautiful plants, though really hardy biennials do best when treated as half-hardy annuals and may be had in bloom the same season if sown early. 12 in.

Single Varieties

		Pkt.
Heddewigii, "The Bride."	White, with rosy-purple eye.....	¼ oz. 60c. \$0.10
Heddewigii, Crimson Belle.	Brilliant velvety crimson.....	¼ oz. 75c., .15
Heddewigii, Eastern Queen.	Rose-colored flowers, finely striped.....	¼ oz. 75c., .15
Heddewigii, Choice Mixed.		¼ oz. 50c., .10

DIANTHUS—Single Varieties—Continued

laciniatus (Fringed) Salmon Queen. One of the most attractive varieties of Dianthus; flowers large, elegantly lacinated and of a lovely salmon-pink shade.....	1/4 oz. 75c.,	\$0.15
nobilis (Royal Pinks). Large, fringed flowers of glowing blood-red, shading to carmine and pink.....	1/4 oz. \$1.00,	.20
laciniatus. Choice Mixed.....	1/4 oz. 50c.,	.10

Double Varieties

chinensis (Indian Pinks). Choice Mixed.....	Oz. \$1.00,	.10
diadematus (Diadem Pinks). Choice Mixed.....		
	1/4 oz. 75c.,	.15
Heddewigii (Japan Pinks). Choice Mixed.....		
	1/4 oz. 60c.,	.10
scoticus (Double Scotch Pinks). Exquisite colors, mixed.....		.25
DIASCIA Barberæ. Pretty half-hardy annual with pink, coral-like flowers, excellent for dwarf borders, and makes a fine pot plant. 9 in.....		.25
DIDISCUS cœruleus. See TRACHYMENE , page 39.		

Dimorphotheca (Half-Hardy Annuals)

aurantiaca. Gorgeous orange flowers, produced in great profusion, one of the most brilliant and lasting Summer bedding plants. Flowers in six weeks from time of sowing. 12 in... 1/4 oz. 75c.,	\$0.15
aurantiaca Hybrids. The flowers include a wide range of shades of primrose, apricot, buff, salmon, and white.....	1/4 oz. 75c., .15
Sinuata. A new variety with light chamoise flowers, exceedingly pretty.....	.25

Erysimum

Free flowering hardy annuals, the plants resemble Wallflower; fine for cutting. Pkt.	
Perofskianum. Orange yellow. 12 in.....	\$0.15
Golden Gem. A charming dwarf variety, literally covered with golden-yellow flowers. 10 in.....	.20

Eschscholtzia (California Poppy)

Well-known hardy annuals with showy flowers, they are most effective when grown in beds. 12 in. Pkt.	
californica. Large yellow.....	Oz. 50c. \$0.10
californica alba. Pure white.....	Oz. 50c., .10
Crimson King. Rich carmine-rose....	1/4 oz. 40c., .10
Golden West. Bright orange-yellow....	1/4 oz. 30c., .10
Mandarin. Orange-scarlet, shaded crimson.....	Oz. 60c., .10
Mikado. Striking orange-crimson, one of the richest colors in Eschscholtzias.....	1/4 oz. 75c., .15
Choice Mixed	Oz. 50c., .10
EUPHORBIA heterophylla (Mexican Fire Plant). Glossy green and carmine leaves, 2 to 3 ft.....	.15
variegata (Snow on the Mountain). Green and white foliage. 2 ft.....	.10
FEVERFEW. See MATRICARIA , page 33.	
FOUR O'CLOCK. See MARVEL OF PERU , page 33.	

Gaillardia (Blanket Flower)

Handsome hardy annuals, very useful for cutting. 2 ft. Pkt.	
amblyodon. Deep red, single.....	\$0.15
Lorenziana Double Mixed. Large yellow and red flowers.....	1/4 oz. 30c., .10
Large Single Mixed Varieties	1/4 oz. 25c., .10
For perennial varieties, see page 45.	



GAURA Lindheimeri. Free flowering hardy annual, long sprays of red-tinted white flowers. 2 ft.....\$0.15

Globe Amaranth (*Gomphrena*)

Popular everlasting flowers, well adapted for beds and edgings. 12 in.

**Pink
Rose**

Choice Mixed
Each, Pkt. 10c.

**Purple
White**

Godetia

Showy, hardy annual, with large, satiny, mallow-like flowers, suitable for mixed beds or borders. 12 in.

Crimson Glow. Compact growing variety with Pkt. dazzling crimson flowers.....\$0.15

Duchess of Albany. Satiny white..... $\frac{1}{4}$ oz. 35c., .10

Lady Satin Rose. Bright carmine......15

The Bride. White and carmine..... $\frac{1}{4}$ oz. 35c., .10

Choice Mixed..... $\frac{1}{4}$ oz. 30c., .10

Grasses—Ornamental

AVENA sterilis (Animated Oats). Drooping, very graceful. 2 ft......10

BRIZA maxima (Quaking Grass). Fine for bouquets. $1\frac{1}{2}$ ft......10

COIX Lacrymae (Job's Tears). Seed resembles a tear drop. 2 to 3 ft......10

HORDEUM jubatum (Squirrel-tail Grass). Bushy panicles. 2 ft......10

LAGURUS ovatus (Hare's-tail Grass). Small silvery gray plumes. 1 ft......10

PENNISETUM Ruppelianum. Violet-purple plumes. 2 to 3 ft......10

ZEA japonica variegata. 5 ft......10

For perennial varieties, see page 46.

GYPSOPHILA (Baby's Breath.) Light and graceful, free-flowering annuals, useful for bouquets. Pkt.

elegans grandiflora alba. Large, pure white flowers. 18 in.....Oz. 75c., \$0.10

rosea. Rose flowers. 18 in.....Oz. 75c., .10

muralis. Dwarf variety, with rose flowers, suitable for rock work. 6 in..... $\frac{1}{4}$ oz. 35c., .15

HELIANTHUS. See **SUNFLOWER**, page 38.

HELICHRYSUM monstrosum. Popular everlasting, useful for mixed borders. 2 ft.

Double Mixed Colors..... $\frac{1}{4}$ oz. 40c., .10

HIBISCUS africanus (Mallow). Free flowering, hardy annuals with yellow flowers and purple centers. 2 ft......10

Hibiscus Sunset. Beautiful greenhouse plant, yellow flowers, black center......20

HOLLYHOCK, Single Annual Varieties, Mixed.

$\frac{1}{4}$ oz. 50c., .15

Double Annual Varieties Mixed.... $\frac{1}{4}$ oz. 75c., .20

For Biennial Varieties, see page 46.

HUNNEMANNIA fumaricæfolia (Bush Eschscholtzia). Showy hardy annual, with large, golden yellow flowers and feathery, glaucous foliage. 18 in..... $\frac{1}{4}$ oz. 50c., .15

ICE PLANT (*Mesembryanthemum crystallinum*). Half-hardy annual with thick, succulent leaves, which are covered with ice-like panicles, flowers white. 6 in......10

KAULFUSSIA ammeloides. Pretty, hardy annuals with blue flowers, suitable for massing. 6 in.. .15



KOCHIA trichophylla (Summer Cypress). A Pkt. rapid-growing annual, foliage green, turning to fiery red in Autumn. 3 ft..... $\frac{1}{4}$ oz. 30c., \$0.10

LARKSPUR. Showy, hardy annuals; their beautiful and graceful spikes of bloom make a splendid display. 2 feet.

Rose	Flesh Color	Dark Blue
Purple	Light Blue	Carmine
Choice Mixed		
Each, pkt. 10c., $\frac{1}{4}$ oz. 35c.		

For Perennial Larkspur, see Delphinium, page 44.

LAVATERA (Annual Mallow) Showy, hardy annuals, with large, cup-shaped flowers, useful for massing and cutting. Pkt.

arborea variegata (Tree Mallow). Large, ornamental foliage plants, with leaves mottled yellow and white. 4 ft.....\$0.15

rosea splendens. Rosy-pink flowers. 3 ft..... .15

alba splendens. White flowers. 3 ft..... .15

trimestris. Pink. 2 ft..... .10

trimestris. White. 2 ft..... .10

LEPTOSYNE Fragrant, half-hardy annuals, large, Marguerite-like flowers on long stems. Excellent for cutting. Pkt.

Maritima. Large, lemon-yellow. 2 ft. . $\frac{1}{4}$ oz. 75c. \$0.15

Stillmani. Rich golden-yellow, bloom in six weeks after sowing. 2ft..... .15

LIMNANTHES Douglasii. Vigorous, hardy annual with white and yellow flowers. 9 in..... .15

LINARIA maroccana Hybrids. Beautiful annuals ranging from white to yellow, pink and blue. 9 in..... .15

reticulata aurea purpurea. Golden-yellow and brown-red..... .15

Lobelia

Dwarf Varieties

Pretty and invaluable half-hardy annuals for bedding and edging. 4 to 6 in. Pkt.

compacta Crystal Palace. Dark blue. $\frac{1}{8}$ oz. \$1.00 \$0.15

Emperor. Light blue..... $\frac{1}{8}$ oz. \$1.00, .15

White Lady. Pure white..... .20

Royal Purple. Deep blue with white eye..... .20

gracilis. Light blue, trailing variety..... .15

Tall Varieties

Ramosa. Blue, flowers profusely in Fall. 1 $\frac{1}{2}$ ft.. .25

Tenuior. A charming variety, large, cobalt-blue with white center, very suitable for growing in pots or baskets. 12 in..... .25

For Perennial Lobelia, see page 47.

LOVE-IN-A-MIST. See **NIGELLA**, page 34.

Lupinus (Lupine)

These garden favorites are among the most beautiful and useful of our hardy annuals, splendid for beds, borders and backgrounds. 2 to 3 feet. Pkt.

Hartwegii. Blue..... $\frac{1}{4}$ oz. 35c. \$0.10

albus. White..... $\frac{1}{4}$ oz. 35c., .10

roseus. Rose..... $\frac{1}{4}$ oz. 35c., .10

Cruikshankii. Blue..... .10

White..... .10

Yellow..... .10

hirsutus. Large blue.....Oz. 75c., .10

Large white.....Oz. 75c., .10

Large rose.....Oz. 75c., .10

Annual Mixed......Oz. 50c., .10

For Perennial Lupins, see page 47.



Malope

Pretty, free flowering hardy annuals with mallow-like flowers. 2 feet. Pkt.

grandiflora alba. White.....	Oz. 75c.	\$0.10
rosea. Rose.....	Oz. 75c.,	.10
rubra. Red.....	Oz. 75c.,	.10
Mixed	Oz. 60c.,	.10

Marigold

Well-known, half-hardy annuals, extremely showy for beds or borders. Our strains are saved by the best Scotch growers.

Double African, 2½ ft.

Pkt.

Giant Lemon Queen. Rich, lemon-yellow.....	1/8 oz. 75c.	\$0.20
Giant Prince of Orange. Beautiful orange color..	1/8 oz. 75c.,	.20
Eldorado. Large quilled flowers, brilliant shades of yellow.....	1/4 oz. 75c.,	.15
Choice Mixed	1/4 oz. 50c.,	.10

Double French, 1 ft.

Dwarf Gold Striped. Handsomely marked flowers.	1/8 oz. \$1.00,	.25
Dwarf Cloth of Gold. Golden yellow.	1/8 oz. 75c.,	.20
Dwarf Mixed	1/4 oz. 35c.,	.10
Dwarf Legion of Honor (Little Brownii). Single golden-yellow, marked velvety red...	1/4 oz. 35c.,	.10
MARVEL OF PERU (Four O'Clock). Popular, half-hardy annual, suitable for large beds. 2 feet.		
Choice Mixed Colors	Oz. 35c.,	.10
MATHIOLA bicornis (Night-scented Stock). A charming little annual, with a delicious odor perceptible in the evening, purplish-lilac flowers. 12 in.....		.10

MATRICARIA (Feverfew) Free flowering, hardy annuals, with a profusion of dainty flowers. 1½ foot.

Capensis. Small, double white flowers.....	.15
Golden Ball. Golden-yellow flowers, fine for pots..	.15

MESEMBRYANTHEMUM. See **ICE PLANT**, page 31.

MIGNONETTE (Reseda odorata) Old favorites in every garden, the sweet perfume of the flowers is greatly appreciated in the house.

Giant Exhibition. An excellent strain for forcing, producing immense, well-formed spikes. The seed we offer was raised under glass and saved from selected spikes..... 1/8 oz. \$3.50 1.00

Allen's Defiance. Large spikes, very fragrant.... Oz. \$1.00, .10

Crimson King. Immense spikes of deep red flowers. 1/4 oz. 50c., .20

Golden Queen. Golden-yellow, very fine. 1/4 oz. 35c., .10

Goliath. A striking variety, with enormous spikes of red flowers..... 1/4 oz. 75c., .25

Machet. Long spikes of sweet-scented red flowers. 1/4 oz. 50c., .10

Large Flowering. The old sweet-scented variety. Oz. 40c., .05

MIMOSA pudica (Sensitive Plant). An interesting half-hardy annual, with pinkish flowers, the leaves close when touched. 1½ ft..... .10

MIRABILIS. See **MARVEL OF PERU**, above.

Nasturtium

Beautiful, free flowering annuals, admirably adapted for bedding out.

Dwarf Varieties, 12 in.

Aurora. Chrome-yellow, lower petals suffused with purplish-carmine.....	Oz. 30c.	\$0.10
Chameleon. Pale yellow, blotched with red.....	Oz. 30c.,	.10
Empress of India. Crimson-scarlet, dark foliage.....	Oz. 30c.,	.10
Golden King. Deep yellow, dark foliage.....	Oz. 30c.,	.10
King of Tom Thumbs. Rich scarlet, dark foliage.....	Oz. 30c.,	.10
King Theodore. Deep maroon, dark foliage.....	Oz. 30c.,	.10
Pearl. Creamy-white.....	Oz. 30c.,	.10
Choice Mixed	$\frac{1}{4}$ lb. 75c., oz. 25c.,	.05

Tall Varieties

Dark Crimson	Oz. 30c.,	.10
Nankin Yellow	Oz. 30c.,	.10
Maroon	Oz. 30c.,	.10
Creamy White	Oz. 30c.,	.10
Choice Mixed	$\frac{1}{4}$ lb. 75c., oz. 25c.,	.05

Nemesia strumosa Suttoni

These half-hardy annuals are exceedingly showy and not nearly so much grown as they deserve to be. The flowers exhibit a wide range of delightful colors. They make excellent pot plants. 1 to 1½ feet. Pkt.

strumosa Suttoni. Creamy white.....	\$0.25
Suttoni. Orange.....	.25
Suttoni. Striped.....	.25
Suttoni. Crimson.....	.25
Suttoni. Choice Mixed.....	.25
compacta, Blue Gem. Very compact, pretty Forget-me-not blue flowers.....	.30
White Gem. White flowers.....	.30

NEMOPHILA. Among the most useful of hardy annuals, on account of their free flowering habit and hardy nature. 9 inches.

insignis. Beautiful light blue.....	.10
maculata. White spotted with deep violet.....	.10

NICOTIANA (Tobacco) Showy and free flowering, half-hardy annuals.

affinis. Pure white, sweet-scented. 3 ft. $\frac{1}{4}$ oz. 35c.	.10
Sanderæ. Rich carmine. 3 ft. $\frac{1}{4}$ oz. 40c.,	.10
Sanderæ Hybrids. Many brilliant colors. 3 ft. $\frac{1}{4}$ oz. 50c.,	.15
sylvestris. A handsome plant of pyramidal habit, large clusters of white flowers. 4 ft. ....	.15

NIEREMBERGIA gracilis. Fine for edging or hanging baskets, pretty cup-shaped lilac and white flowers..... .10

NIGELLA, Miss Jekyll. A most attractive variety with flowers of a beautiful Cornflower blue, excellent for cutting. 1½ ft. $\frac{1}{4}$ oz. 35c., .10

NYCTERINIA selaginoides. Pretty, half-hardy annual, forming dwarf, compact plants, excellent for beds and borders. Flowers white, flushed lilac. 9 in.20

ÆNOTHERA Drummondii (Evening Primrose).

The bright yellow flowers open early in the evening and last well into the next day. 1½ ft.10



Petunia (Half Hardy Annuals)

Giant Single Varieties

- Giants of California.** A superb strain of beautifully fringed, ruffled and plain-edged varieties in splendid mixture..... Pkt. \$0.25
- Giant Fringed.** An unrivalled strain of giant fringed sorts of great substance and most beautiful colors. Choice Mixed..... .50

Giant Double Varieties

- Giant Double Fringed.** Extra fine strain. Immense, beautifully fringed flowers. Choice Mixed..... .50
- Lady of the Lake.** Pure white fringed, extra large flowers..... .50

Single Bedding Varieties

- Rosy Morn.** Bright rosy-pink with white throat, compact and free flowering..... $\frac{1}{8}$ oz. 75c., .15
- Striped and Blotched.** Beautifully striped and mottled flowers..... $\frac{1}{8}$ oz. 75c., .15
- Snowball.** Pure white..... $\frac{1}{8}$ oz. 50c., .15
- PHACELIA campanularia.** A charming hardy annual with deep blue flowers. 9 in..... .15

Phlox Drummondii

The annual Phloxes are amongst our most popular and useful Summer flowering plants, they continue to bloom until cut down by frost and of most gorgeous and varied colors. 12 inches. Pkt.

- Grandiflora alba.** Pure white..... $\frac{1}{4}$ oz. 75c. \$0.10
- Chamoise Rose.**..... $\frac{1}{4}$ oz. 75c., .10
- Coccinea.** Brilliant scarlet..... $\frac{1}{4}$ oz. 75c., .10
- Isabellina.** Yellow..... $\frac{1}{4}$ oz. \$1.00, .15
- Purple.**..... $\frac{1}{4}$ oz. 75c., .10
- Choice Mixed.**..... $\frac{1}{4}$ oz. 75c., .10

Dwarf Varieties, 8 in.

- Chamoise Rose.**..... $\frac{1}{8}$ oz. \$1.00, .20
- Fireball.** Flame red..... $\frac{1}{8}$ oz. \$1.00, .20
- Purple.**..... $\frac{1}{8}$ oz. \$1.00, .20
- White.**..... $\frac{1}{8}$ oz. \$1.00, .20
- Choice Mixed.**..... $\frac{1}{8}$ oz. \$1.00, .20

Poppies

The number of varieties of these charming annuals is so great that some difficulty may be found in selecting the most useful sorts. We have endeavored to catalogue only those kinds which we can thoroughly recommend.

Single Varieties

- The Shirley.** The brilliant colorings and wonderful variety of the flowers of this popular variety make a very effective display. Choice Mixed. 2 ft..... Oz. 75c. Pkt. \$0.10
- Danebrog.** Scarlet flowers, with white cross in center. 2 ft..... Oz. 60c., .10
- glaucum.** Rich scarlet. $1\frac{1}{2}$ ft..... $\frac{1}{4}$ oz. 35c., .10
- Maid of the Mist.** Large pure white, deeply fringed. 3 ft..... $\frac{1}{4}$ oz. 25c., .10
- Miss Sherwood..** White and chamoise rose. 2 ft..... $\frac{1}{4}$ oz. 25c., .10
- Single Mixed.**..... Oz. 75c., .10

Double Varieties

- American Flag.** White bordered with scarlet. 2 ft..... $\frac{1}{4}$ oz. 25c. .10
- Mikado.** Large white flowers, fringed with rose. 2 ft..... $\frac{1}{4}$ oz. 25c., .10
- Eldorado.** A double form of the "Shirley," mixed colors..... $\frac{1}{4}$ oz. 35c., .10
- White Swan.** Large, pure white. 2 ft... $\frac{1}{4}$ oz. 25c., .10
- Carnation Flowered, Mixed.**..... Oz. 50c., .10
- Ranunculus Flowered, Mixed.**..... Oz. 60c., .10

Portulaca

Pretty, hardy annuals, succeeding best in dry, warm situations and producing flowers of the most brilliant colors. 6 inches.

Single Rose **Single White**
Single Scarlet **Single Yellow**

Single Choice Mixed

Each, pkt. 10c., $\frac{1}{4}$ oz. 35c.

Double Mixed, pkt. 15c., $\frac{1}{4}$ oz. \$1.00.

RHODANTHE maculata. Beautiful everlastings, Pkt. much prized for Winter bouquets. $1\frac{1}{2}$ ft.

Choice Mixed Colors.....\$0.10

Ricinus (Castor Oil Plant)

Handsome plants, with ornamental foliage, excellent for sub-tropical gardening.

borboriensis arboreus. Green foliage. 15 ft. Oz. 35c. \$0.10

cambodgensis. Dark maroon foliage, black stems. 5 ft.....Oz. 35c., .10

Gibsoni. Dark red foliage. 5 ft.....Oz. 40c., .10

sanguineus. Reddish-purple foliage, red stems. 6 ft.....Oz. 35c., .10

zanzibariensis, Mixed. Leaves of enormous size. 10 to 12 ft.....Oz. 35c., .10

All Varieties Mixed.....Oz. 30c. .05

RUDBECKIA bicolor superba (Coneflower). Attractive annual of compact growth. Excellent for cutting. Golden yellow flowers with chestnut markings. 2 ft..... .15

Salpiglossis

These handsome, half-hardy annuals are highly esteemed for their elegant habit and brilliant flowers. Invaluable for cutting. 2 feet. Pkt.

Crimson and Gold..... $\frac{1}{4}$ oz. \$1.00 \$0.15

Dark Scarlet..... $\frac{1}{4}$ oz. \$1.00, .15

White and Yellow..... $\frac{1}{4}$ oz. \$1.00, .15

Rose and Gold..... $\frac{1}{4}$ oz. \$1.00, .15

Scarlet and Gold..... $\frac{1}{4}$ oz. \$1.00, .15

Violet and Gold..... $\frac{1}{4}$ oz. \$1.00, .15

Yellow..... $\frac{1}{4}$ oz. \$1.00, .15

Emperor Mixed..... $\frac{1}{4}$ oz. 85c., .10

Salvia

The Salvias are among our most popular and useful bedding plants, blooming profusely from July until frost.

splendens Bonfire. Free flowering, with dense Pkt. flaming scarlet spikes. $2\frac{1}{2}$ ft..... $\frac{1}{4}$ oz. \$1.25 \$0.20

Ball of Fire. Forms a compact, dense bush, flowers dull red, excellent for pot culture..... .25

Zurich. Free flowering dwarf variety, brilliant scarlet flowers. 12 in..... .25

patens. Rich blue, very beautiful. 2 ft..... .25

Farinacea. Light blue flowers in great abundance good for cutting. 3 ft..... $\frac{1}{8}$ oz. 40c., .15

SANVITALIA procumbens fl. pl. Beautiful dwarf, hardy annuals for beds and borders, bright double yellow flowers. 6 in..... .15

SAPONARIA Vaccaria. Splendid, tall-growing hardy annual of branching habit, with pale rose flowers, especially valuable for bouquets. 3 ft. $\frac{1}{4}$ oz. 25c., .10

Scabiosa (Mourning Bride)

Charming, half-hardy annuals, extremely useful for cutting, the colors ranging from pure white through shades of pink and red to purplish-black. Pkt.

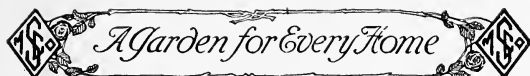
Tall Double Azure Pkt. **Lilac**\$0.10

Fairy. Heavenly blue \$0.15 **Rose**10

Black Purple..... .10 **Yellow**..... .10

Fiery Scarlet..... .10 **Pure White** 10

Flesh Color..... .10 **Choice Mixed**..... .10



SEDUM *coeruleum* (Blue Annual Stonecrop). Use- Pkt.
ful little plants for carpet bedding, rock work
and dry situations. 4 in.....\$0.15

Schizanthus

Handsome, free flowering annuals, well deserving of extended cultivation, fine for beds and borders. They make charming pot plants, and if sown in the Autumn will make fine plants the following Spring.

wisetonensis. Compact in habit and of pyramidal Pkt. growth. The flowers are of various delicate shades of white, cream and rose. A popular variety, for forcing in the greenhouse. Choice Mixed.....\$0.25

Bridal Veil. Pure white flowers; extra fine.... .50

retusus Giant White. A magnificent strain, with large, white flowers, effectively blotched with bright golden yellow..... .50

retusus Giant Pink Beauty. An exquisite shade of rose-pink..... .50

SENSITIVE PLANT. See **MIMOSA**, page 33.

Statice (Sea Lavender)

Pretty plants for beds or rock work, also valued when dried as everlasting for Winter bouquets. 1½ ft. Pkt.

sinuata Hybrids. A large-flowered type, with mauve-purple, white and primrose-yellow flowers.\$0.15

Suworowii. Bright rose color; very fine..... .15

Stocks (Gilliflower)

Unsurpassed for bedding, pot culture and for cutting and one of the most popular of the half-hardy annuals. The seed we offer is saved from carefully selected plants.

Giant Perfection, Ten Weeks

One of the best varieties, forming splendid plants of pyramidal growth and branching habit.

Apple Blossom	Crimson	Canary Yellow
Flesh Color	Light Blue	Dark Blue
Rose	White	Choice Mixed

Each, pkt. 20c., ¼ oz. \$1.25.

Collection of 8 varieties..... Each, \$1.25

Collection of 6 varieties..... Each, 1.00

Cut-and-Come-Again (Dresden Perpetual)

A fine, early flowering perpetual variety; large spikes, excellent for cutting. Pkt.

Canary Yellow..... ¼ oz. \$1.00 \$0.20

Chamoise..... ¼ oz. \$1.00, .20

Dark Red..... ¼ oz. \$1.00, .20

Dark Blue..... ¼ oz. \$1.00, .20

Crimson..... ¼ oz. \$1.00, .15

Rose..... ¼ oz. \$1.00, .15

Light Blue..... ¼ oz. \$1.00, .15

Princess Alice. Pure white, large spikes. ¼ oz. \$1.25, .20

Choice Mixed..... ¼ oz. \$1.00, .15

Collection of 8 varieties..... Each, 1.25

Collection of 6 varieties..... Each, 1.00

Large Flowering Winter Stocks

These Winter flowering varieties are admirably suited for forcing in the greenhouse, producing long spikes of extremely double flowers. Pkt.

Abundance. Soft carmine rose..... ¼ oz. \$1.25, \$0.20

Beauty of Nice. Beautiful flesh pink..... ¼ oz. \$1.25, .20

Crimson King. Rich crimson..... ¼ oz. \$1.25, .20

Empress Elizabeth. Bright rose..... ¼ oz. \$1.25, .20

Queen Alexandra. Lilac-rose, very fine. ¼ oz. \$1.25, .20

White Lady. Pure white, large spikes. ¼ oz. \$1.25, .20

Monte Carlo. Pure yellow..... ¼ oz. \$1.25, .20

Sunflower (Helianthus)

Showy hardy annuals for borders, the smaller varieties are useful for cutting. Pkt.

cucumerifolius. Small, single rich yellow flowers.		
3 ft.....	Oz. 60c.	\$0.10
stella. Single golden-yellow flowers, with black centers, fine for cutting. 4 ft.....	Oz. 75c.,	.10
macrophyllus giganteus. Huge leaves and large single yellow flowers. 8 ft.....	Oz. 25c.,	.05
Sutton's New Red. Dark-centered, brilliant flowers banded with bright, chestnut-red, merging to yellow at the tips of the petals. 6 ft.....		.15
Double Californian. Large, double yellow flowers. 5 ft.....	Oz. 50c.,	.05
Double Chrysanthemum Flowered. Golden-yellow flowers. 7 ft.....	Oz. 60c.,	.10

Sweet Peas

The number of varieties in cultivation is now so great that the difficulty of making a selection of distinct sorts is no easy matter. We have, therefore, made up collections of the best and most distinct varieties which can be relied upon to suit every taste.

Giant Spencer Sweet Peas

Light Blue and Lavender

	Pkt.	Oz.
Asta Ohn. Beautiful, soft lavender.....	\$0.10	\$0.60
Florence Nightingale. Lavender, faintly shaded rose.....	.10	.60
R. F. Felton. Soft lavender, suffused with rose.....	.20	1.25
Margaret Madison. Clear azure-blue.....	.10	.60

Blue and Purple

Captain of the Blues. Fine purple.....	.15	.75
Flora Norton Spencer. Bright blue.....	.15	.75
Tennant Spencer. Beautiful purplish-mauve.....	.10	.60
Royal Purple. Rich rosy purple.....	.15	.75
Wedgewood. Lovely self blue.....	.15	1.00

Pink and Rose

Annie Bownass. Rich bright pink, suffused salmon.....	.15	1.00
Countess Spencer. Soft rose-pink.....	.10	.60
Elfrida Pearson. Beautiful pale pink.....	.10	.60
Hercules. Magnificent soft rose-pink.....	.15	.75
Margaret Atlee. Warm salmon-pink.....	.10	.60

Salmon and Orange

Barbara. Superb salmon-colored self.....	.20	1.25
Fiery Cross. Fine orange-scarlet.....	.20	1.50
Helen Lewis. Beautiful orange-pink.....	.15	.75
Robert Sydenham. Rich glowing orange... ..	.15	.75
Sterling Stent. Deep salmon.....	.20	1.25

Crimson and Scarlet

King Edward Spencer. Rich carmine scarlet.....	.15	1.00
Maud Holmes. Crimson-scarlet.....	.10	.60
Scarlet Emperor. Giant deep scarlet.....	.15	1.00
Vermilion Brilliant. Brilliant scarlet.....	.20	1.25

Maroon

King Mancel. Rich deep maroon.....	.15	1.00
Othello Spencer. Glossy maroon.....	.15	1.00

Bicolor

Mrs. Cuthbertson. Rose-pink standards, white wings.....	.15	.75
Blanche Ferry Spencer. Standards bright rose, wings blush white.....	.10	.60



SWEET PEAS—Continued

Striped and Flaked

America Spencer. White, striped with crimson-red.....	Pkt. \$0.20	Oz. \$1.25
Empress Eugenie. Delicate dove-gray, flaked with light lavender.....	.15	1.00
Jessie Cuthbertson. Rich cream, overlaid with stripes of pink.....	.10	.60

Yellow Shades

Dobbies' Cream. Fine, large deep primrose.	.15	.75
Primrose Spencer. Light primrose yellow.	.15	.75

White

King White. Pure white, enormous flowers.	.15	1.00
Constance Hinton. The best black-seeded white Spencer.....	.20	1.25
White Spencer. Pure white.....	.15	1.00

SUPERB MIXTURE OF GIANT FLOWERING SPENCER SWEET PEAS

Oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Early, or Winter Flowering Spencer Sweet Peas

	Pkt.	Oz.
Asta Ohn. Beautiful soft lavender.....	\$0.25	\$2.00
Heatherbell. Rich lavender-mauve.....	.25	2.00
Rose Queen. Rose-pink.....	.35	2.50
Snowflake. Elegant pure white.....	.25	2.00
Songbird. Pale pink on white ground.....	.25	2.00
Helen Lewis. Orange-pink.....	.25	2.00
Spring Maid. Light pink on cream ground...	.25	2.00
Melody. Soft rose-pink.....	.25	2.00
Hercules. Pale rosy-pink.....	.25	2.00
Morning Star. Deep orange-scarlet.....	.25	2.00
White Orchid. Fine pure white.....	.25	2.00
Yarrowa. A pleasing shade of bright rose-pink.....	.25	2.00
White Yarrowa. Pure white.....	.25	2.00

SWEET SULTAN. See **CENTAUREA moschata**, page 28.

TAGETES signata pumila. Small, single, yellow, star-shaped flowers. 12 in. Pkt. 10c.

Torenia

Beautiful, free flowering tender annuals, fine for vases, baskets, etc. 12 inches. Pkt.

Bailloni. Deep yellow, with purple throat.....\$0.25

Fournieri grandiflora. Light blue, with dark blue spots and yellow throat......25

Fournieri, White Wings. Blush-white with yellow throat, striking and beautiful......25

TRACHYMENE cœrulea (Didiscus). Commonly known as the "Blue Lace Flower." An attractive annual with delicate pale-blue flowers, suitable either for greenhouse cultivation or for Summer bedding. Invaluable for cutting. 1½ ft......25

Planting lists and estimates supplied for any special garden work you may contemplate.



Verbena

Showy, half-hardy annuals invaluable for bedding; they flower freely and continue in bloom for a long period. 12 inches. Pkt.

Mammoth Blue	1/4 oz. 75c.,	\$0.10
Mammoth Pink	1/4 oz. 75c.,	.10
Mammoth Striped	1/4 oz. 75c.,	.10
Mammoth Purple	1/4 oz. 75c.,	.10
Mammoth Yellow	1/4 oz. 75c.,	.10
Mammoth White	1/4 oz. 75c.,	.10
Mammoth Choice Mixed	1/4 oz. 75c.,	.10
Mammoth Ellen Willmott. Bright salmon-rose with white eye. Very fine.....		.15

Vinca

Handsome, bushy bedding plants that flower profusely all Summer. Fine also for pot culture. 1 1/2 feet. Pkt.

alba pura. Pure white.....	1/4 oz. 60c.,	\$0.15
alba rosea. White with rose center.....	1/4 oz. 60c.,	.15
rosea. Rose.....	1/4 oz. 60c.,	.15
Choice Mixed	1/4 oz. 60c.,	.15

VISCARIA cardinalis. Showy, hardy annuals, with cup-shaped magenta flowers; useful for mixed borders. 12 in..... .15

Wallflower, Annual Paris

This annual, or extra early strain, if started early in heat, will bloom the same season. Excellent for forcing. 1 1/2 foot.

Light Brown	Blood Red
Creamy White	Golden Yellow
Each, pkt. 15c.	

Whitlavia grandiflora

Pretty, hardy annuals with bell-shaped flowers borne in profusion on compact plants.

Blue	White
Each, pkt. 15c.	

XERANTHEMUM. One of the prettiest of the everlasting flowers and in Winter bouquets retain their color and form for years. Pkt.

Double Mixed Colors.....\$0.15

Zinnia, Giant Double

Our strain of this popular annual produces flowers of enormous size, great substance and richness of color. 2 feet.

Giant Crimson	Giant Flesh Color
Giant Golden Yellow	Giant Pink
Giant Purple	Giant Salmon Pink
Giant Scarlet	Giant White
Choice Mixed	
Each, pkt. 15c., 1/4 oz. 60c.	

List of Perennial and Rock Plants
sent on request



Climbers

ADLUMIA cirrhosa (Mountain Fringe). A hardy Pkt. biennial climber, with beautiful dark rose flowers and delicate foliage.....\$0.20

BALLOON VINE (Cardiospermum). A rapid-growing, half-hardy annual climber with white blossoms..... $\frac{1}{4}$ oz. 40c., .10

CARDINAL CLIMBER. A beautiful annual climber of rapid growth, with fern-like foliage. The flowers are of a fiery cardinal-red color and borne in clusters..... .25

Cobea scandens

Well-known, tender perennial climber, with large, bell-shaped flowers. Pkt.

scandens, Blue..... $\frac{1}{4}$ oz. 35c., \$0.10

scandens, White..... $\frac{1}{4}$ oz. 75c., .25

CYPRESS VINE (Ipomea quamocilit). A graceful, twining annual with feathery, dark-green foliage and star-like flowers. Mixed colors.. $\frac{1}{4}$ oz. 30c., .10

DOLICHOS Lablab (Hyacinth Bean). A rapid-growing annual climber, bearing Pea-shaped, purple blossoms and ornamental seed pods..... Oz. 40c., .10

ECHINO CYSTIS lobata (Wild Cucumber Vine). One of the quickest growing annual vines. The foliage is large and of a rich green color.. Oz. 60c., .10

Gourds, Ornamental

Angora. Ornamental foliage, striped fruit. Oz. 50c., .10

Apple-Shaped. Small fruit, striped yellow and green.....Oz. 50c., .10

Bottle-Shaped. Fruit yellowish-white, dark green circles.....Oz. 50c., .10

Cala-bash. The stem ends of the fruits are used for making pipes.....Oz. 50c., .10

Dish Cloth (Chinese Luffa, or Sponge Gourd). Oz. 50c., .10

Hercules Club. Long green fruits.....Oz. 50c., .10

All Varieties Mixed.....Oz. 50c., .10

HUMULUS japonicus (Japanese Hop). Rapid growing annual climber, green foliage.. $\frac{1}{4}$ oz. 25c., .15

japonicus variegatus. Variegated foliage..... $\frac{1}{4}$ oz. 25c., .15

Ipomœa

purpurea (Convolvulus major), (Morning Glory). Strong annual climbers of easy culture. Choice Mixed.....Oz. 35c., .10

imperialis (Japanese Morning Glory). The flowers are very large and of great variety of colors. Choice Mixed.....Oz. 50c., .10

Bona Nox (Evening Glory). Large, blue flowers open in the evening.....Oz. 75c., .10

coccinea. Bright scarlet flowers.....Oz. 50c., .10

noctiflora alba (Moonflower). Rapid climber with fragrant white flowers.....Oz. \$1.00, .10

Heavenly Blue. Immense flowers of bright sky-blue..... $\frac{1}{4}$ oz. 50c., .15

setosa (Brazilian Morning Glory). Bright, rose-colored flowers, large leaves.....Oz. \$1.00, .10

KENILWORTH IVY (Linaria **Cymbalaria**). A perennial trailing plant with violet flowers, useful for hanging baskets, etc..... .15

CLIMBERS—Continued

LOPHOSPERMUM scandens. Large pink flowers.	Pkt. \$0.15
MAURANDIA Barclayana. Greenhouse perennial climber with tube-shaped purple flowers.....	.20
MINA lobata. The buds are orange-red, changing to creamy white when fully expanded. Half-hardy annual.....	.15
PASSIFLORA cœrulea (Passion Flower). Greenhouse perennial climber with exquisite blue flowers.....	.20
THUNBERGIA. Half-hardy annual, suitable for hanging baskets, window boxes, etc. Mixed colors.....	.15
TROPÆOLUM canariense (Canary Creeper). Half-hardy annual with bright yellow flowers.Oz. 60c.,	.10

Perennials and Biennials

ACANTHUS mollis. Stately hardy plant with large, decorative leaves, flowers white, July and August. 3 ft.....	Pkt. \$0.15
ACHILLEA ptarmica, "The Pearl." Valuable perennial, blooming all Summer; pure white clusters of flowers on long stems. 1½ ft.....	.25
	1/16 oz. \$1.25,
ACONITUM napellus (Monkshood). Dark blue flowers, August and September. 3 ft. 1/8 oz. 50c.,	.15
ADONIS vernalis (Ox-Eye). Bright yellow, Spring-blooming. 1 ft.....	.15
ALYSSUM saxatile compactum (Gold Dust). Valuable Spring flowering perennial of spreading growth, bearing a profusion of bright yellow flowers. 9 in.....	1/8 oz. 75c., .20
ANCHUSA italica, "Dropmore Variety." An improved type, vigorous plant with large flowers of a beautiful shade of gentian blue. June to September. 1½ foot.....	1/8 oz. 50c., .15
ANEMONE japonica. Hardy perennial with large, cup-shaped white flowers. 1 ft.....	.15
ANTHEMIS tinctoria Kelwayi. Improved strain, with bright yellow, Daisy-like flowers. June to September. 1½ ft.....	.15

Aquilegia (Columbine)

Handsome and showy hardy perennials and most desirable border plants.

Mrs. Scott Elliot's Long-Spurred Hybrids.

Magnificent hybrids in the greatest variety of colors and shades. One of the finest strains. Pkt.
2 ft..... 1/8 oz. \$1.75, \$0.50

chrysantha. Golden yellow. 3 ft.. ... 1/8 oz. 75c., .15

chrysantha alba. Pure white. 3 ft.... 1/8 oz. \$1.00, .25

cœrulea. Pale blue and white flowers. 3 ft. 1/8 oz. \$1.00, .25

Skinneri (Mexican Columbine). Scarlet and yellow flowers, long spurs. 2½ ft.... 1/8 oz. \$1.00, .25

ARABIS alpina (Rock Cress). Hardy, early blooming perennial with pure white flowers, most useful for rockeries or edging. 6 in..... .10

ASTERS (Michaelmas Daisy). Showy, hardy perennials and if sown in early Spring will bloom the same year.

Choice Mixed Colors..... .20



Aubretia

Strong, Spring flowering plants, suitable for rockeries.
4 inches.

purpurea. Deep purple.....Pkt. \$0.25

deltoides. Lilac, very pretty......25

Leichtlinii. Rosy-red, a charming variety..... .25

AURICULA (*Primula auricula*). Early flowering
garden Primroses, beautiful shades of color.
6 in. Fine mixed..... .25

BAPTISIA australis (False Indigo). Vigorous plant
with spikes of Pea-shaped blue flowers. 6 in. in
length. June and July. 2½ ft..... .10

BOCCONIA japonica (Plume Poppy). Ornamental
hardy perennial, fine in large beds; flowers
white. July and August. 6 ft..... .10

BOLTONIA asteroides. Showy perennials, closely
resembling the Hardy Asters, flowers pure white.
August and September. 6 ft..... .25

BOLTONIA latisquama. Flowers pink, tinged with
lavender; very fine. August and September.
5 ft..... .25

Bellis perennis fl. pl. (English Daisy)

	Pkt.
Giant Pink.....1/8 oz. \$1.00,	\$0.25
Giant White.....1/8 oz. \$1.00,	.25
Giant Red.....1/8 oz. \$1.00,	.25
Giant Mixed.....1/8 oz. \$1.00,	.25

Campanula (Bell Flower)

Popular and beautiful plants with large, bell-shaped
flowers of exquisite colors.

Perennial Varieties

	Pkt.
carpatica. Dwarf, compact variety, flowers clear blue, fine for rockeries and edgings. 8 in.....	\$0.15
alba. Dwarf, pure white.....	.15
nobilis. Long, light purplish flowers. July. 2 ft.	.25
persicifolia grandiflora, Blue. Large, bright flowers; one of the finest. June and July. 2 ft.	.25
grandiflora alba. Snow-white flowers.....	.25
fl. pl. Double white flowers, extra fine. 3 ft.....	.30
pyramidalis (Chimney Bell Flower). Stately plants, producing large, blue flowers, for garden or pot culture. 4 ft.....	.20
alba. Pure white, form of the above.....	.20

Canterbury Bells (*Campanula media*)

Well-known biennials, bearing a profusion of bell-
shaped flowers, very effective for borders and pot culture.

Single Blue	Single Mauve
Single Rose	Single White

Single Mixed

Each, pkt. 10c., ¼ oz. 50c.

Double Blue	Double Rose
Double White	Double Mixed

Each, pkt. 15c., ¼ oz. \$1.00.

Cup and Saucer Varieties

(*Campanula calycanthemata*)

Large, semi-double flowers, resembling a cup and
saucer.

Blue	Choice Mixed	Mauve
Rose		White

Each, pkt. 15c., ¼ oz. 75c.



Candytuft (*Iberis sempervirens*)

Early blooming hardy perennials, valuable for rock ledges, borders, banks, etc.

sempervirens. Pure white flowers and deep green Pkt. evergreen foliage. 1 ft. ¼ oz. \$1.00 \$0.20

gibraltarica. White, shaded with pink. 1/8 oz. 75c., .25

Hardy Carnations

Highly esteemed and beautiful plants, blooming profusely during May and June, excellent for cutting. 1-2 ft. Pkt.

Grenadin. Double scarlet. \$0.25

Grenadin. Double white.25

plumarius. Single mixed.20

Double mixed.25

scoticus (Paisley Pink). Valuable for borders and for Winter forcing.50

Giant Nice. Superb double flowers, sweet-scented. .25

Giant Marguerite Carnations

A beautiful race with fringed double flowers, blooming within six months from time of sowing.

Red White	Choice Mixed Each, pkt. 25c.	Pink Yellow
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CATANANCHE cœrulea. Beautiful blue flowers. Pkt. June to August. 2 ft. \$0.15

CENTAUREA montana, Blue. Large, deep-purple flowers. July and August. 2 ft.15

montana alba. Pure white.20

CERASTIUM tomentosum (Snow in Summer). Pretty silver-leaved trailing perennial, valuable for edgings and rockeries. 4 in.25

CHEIRANTHUS Allioni (Siberian Wallflower). Showy rock plants with bright orange flowers blooming all Summer. 1 ft.25

Chrysanthemum

Leucanthemum (Shasta Daisy). Large, free blooming variety, flowers white. 2 ft.25

maximum King Edward VII. Pure white, yellow center, very handsome. 3 ft.25

Coreopsis (Perennial Calliopsis)

One of our finest hardy perennials, blooming practically all Summer. Fine for bouquets. Pkt.

grandiflora. Large, rich yellow flowers. 1/4 oz. 35c. \$0.10

lanceolata. Rich golden yellow flowers. 1/4 oz. 50c., .15

COWSLIP (*Primula officinalis hybrida*). Popular Spring flowering plants, adapted to shady places. 6 in.

Choice Mixed25

Delphinium (Perennial Larkspur)

Great improvements have been made of late years among these charming perennials, no other plants can equal them in variety and beauty of their blue tints.

Kelway's Show. The seed we offer has been saved Pkt. by Messrs. Kelway from their celebrated collection of named varieties. \$0.50

Bella Donna. Enormous spikes of large single flowers of a clear turquoise blue. 4 ft. 1/8 oz. \$1.00, .25



DELPHINIUM—Continued

- Bella Donna Cliveden Beauty.** An improved and Pkt.
beautiful variety with long spikes of large, sky-
blue flowers. 4 ft.....\$0.50
- Bella Donna, Fanny Stormonth.** New light
azure blue, very large..... .50
- formosum.** Rich dark blue with white eye. 3 ft.
1/4 oz. 75c., .15
- nudicaule.** Dwarf scarlet; 1 1/2 ft..... .20
- Zalil.** Long spikes of yellow flowers. 2 ft..... .25
- DICTAMNUS fraxinella** (Gas Plant). Hardy
perennial with handsome spikes of reddish flow-
ers. 3 ft..... .10

Digitalis (Foxglove)

The tall flower spikes of these popular perennials are particularly handsome, when grown among shrubbery or in bold masses. 3 to 4 ft. Pkt.

- gloxinoides.** Purple..... 1/4 oz. 75c. \$0.15
- Rose..... 1/4 oz. 75c., .15
- White..... 1/4 oz. 75c., .15
- Mixed..... 1/4 oz. 75c., .15
- ECHINOPS Rito.** A hardy perennial with blue,
thistle-like flowers; fine for bees. 3 ft..... .15
- EDELWEISS** (Gnaphalium Leontopodium). The
interesting white-leaved plant so eagerly sought
by tourists in the Swiss Alps. 6 in..... .25
- EREMURUS robustus.** Stately plants with long
spikes of flesh-pink flowers. 8 ft..... .25
- ERIGERON speciosus.** Pale mauve flowers, gold
centers. 1 1/2 ft..... .10
- ERYNGIUM giganteum** (Silver Thistle). Orna-
mental hardy perennial, blue flowers. 4 ft.... .25
- EUPATORIUM Fraseri.** Hardy perennial with
clusters of white flowers; fine for cutting. 2 ft.. .15
- FORGET-ME-NOT.** See **MYOSOTIS**, page 47.
- FOXGLOVE.** See **DIGITALIS**, above.

Gaillardia

- Kelway's Hybrids.** An improved strain producing Pkt.
enormous flowers. Choice mixed hybrids.....\$0.50
- grandiflora.** Large, pure yellow flowers. 1/4 oz. 40c., .10
- For annual **GAILLARDIAS**, see page 30.
- GENTIANA acaulis** (Blue Gentian). Intense Blue
Bell shaped flowers suited to moist and shady
situations. 6 in..... .15

Geum

- coccineum fl. pl., Mrs. J. Bradshaw.** Handsome Pkt.
variety with large, double bright scarlet flowers
in bloom all Summer. 1 1/2 ft.....\$0.25
- coccineum.** Bright orange scarlet single..... .15
- GILIA coronopifolia.** Fine biennial with a striking
spike of scarlet flowers about 1 ft. long. 4 ft.. .25

Roses, Carnations, Chrysanthemums for
greenhouse planting supplied.

Grasses, Ornamental

ARUNDO Donax (Giant Reed). Tall variety with green leaves. 15 ft.....	Pkt. \$0.10
ERIANTHUS Ravennæ (Plume Grass). Fine silvery plumes. 8 ft.....	.10
EULALIA japonica . Long, dark-green leaves. 6 ft.....	.15
EULALIA zebrina (Zebra Grass). Dark green leaves, barred with creamy white.....	.15
GYNERIUM argenteum (Pampas Grass). Long silvery plumes. 10 ft.....	.15

For Annual Varieties, see page 31.

GYPSOPHILA paniculata . Small, white flowers, fine for bouquets. 2 ft.....	1/4 oz. 35c., .10
paniculata fl. pl. Clusters of double white flowers, fine for cutting. 2 ft.....	.25
cerastioides . Hardy rock plants, white.....	.25
HELENIUM autumnale superbum . Late flowering, hardy perennials, broad heads of golden yellow flowers. 5 ft.....	.25
Bigelow . Rich yellow with brown disc. 4 ft...	.20
Riverton Gem . A fine variety, flowers opening old gold, changing as they mature to Wall-flower red. 3 ft.....	.25
HEUCHERA sanguinea . Charming, dwarf hardy perennial with spikes of coral red flowers. July and August. 1 ft.....	.25
HELIOTROPE . These favorite greenhouse and bedding plants are highly valued for their sweet scented flowers. 1 1/2 ft.	
Lemoine's Giant Mixed.....	.25
HIBISCUS moscheutos (Swamp Mallow) Striking plants producing flowers like single Hollyhocks but much larger; excellent for moist situations. July to September. 4 ft.	
albus . Pure white.....	.15
roseus . Pink.....	.25

Hollyhock

These showy, hardy biennials are universally esteemed and present an imposing appearance, either as single specimens or as a background for other plants.

Chater's Double . Crimson.....	1/4 oz. \$1.00	\$0.15
Pink.....	1/4 oz. \$1.00,	.15
Salmon Rose.....	1/4 oz. \$1.00,	.15
Sulphur Yellow.....	1/4 oz. \$1.00,	.15
Maroon.....	1/4 oz. \$1.00,	.15
White.....	1/4 oz. \$1.00,	.15
Mixed.....	1/4 oz. \$1.00,	.15

Giant Single Hollyhocks

Single Hollyhocks are deservedly increasing in popularity, and are well worthy of more extensive cultivation. They are of freer growth than the double varieties and present a very striking appearance. The seed we offer has been saved from a noted collection and will produce plants with extra large flowers in a great variety of colors.

Giant Single Mixed	Oz. \$1.00	Pkt. \$0.10
HONESTY (Lunaria biennis). Hardy biennial with silvery seed vessels, valuable for Winter decorations. 2 ft.....		.15
INCARVILLEA Delavayi . A handsome perennial which succeeds well in borders and is equally valuable for greenhouse decoration. Large, rich rose Begonia-like flowers with deep yellow throats produced all through the Summer. 2 1/2 ft.....		.25



LATHYRUS latifolius (Perennial Pea). Beautiful Pkt. hardy perennial climbers of rapid growth.	
Choice Mixed Colors.....Oz. 75c., \$0.10	
LAVENDER (<i>Lavendula vera</i>). Ornamental plant bearing long spikes of fragrant blue flowers. 1½ ft.....	.15
LEMON VERBENA (<i>Aloysia citriodora</i>). Tender perennials with fragrant evergreen leaves.....	.15
LINUM flavum . Golden yellow. 1 ft.....	.10
perenne . Blue. 1½ ft.....	.10
perenne . White. 1½ ft.....	.10
LOBELIA cardinalis (Cardinal Flower). Succeeds best in moist situations, flowers scarlet. August to October. 2 ft.....	1.25
Lobelia Tupa . An excellent vigorous growing va- riety, producing large spikes of rich crimson flowers. 3 to 4 ft.....	.25

Lupinus (Lupins)

Hardy and effective Spring flowering plants, with long spikes of Pea-shaped flowers.	Pkt.
polyphyllus, Blue.....Oz. 75c. \$0.10	
Rose.....Oz. 75c.,	.10
White.....Oz. 75c.,	.10
Moerheimi . A beautiful variety of rather dwarf habit, long spikes of pink and white flowers....	.25
Choice Mixed.....Oz. 75c.,	.10
For annual Lupins, see page 32.	

Lychnis

Handsome, hardy perennials with brilliantly colored flowers. Excellent for borders.	Pkt.
Arkwrightii . Handsome new hybrids, including many distinct and attractive shades of color....	\$0.25
chalcidonica . Scarlet. 2 ft.....	.15
White. 2 ft.....	.15
Haageana Hybrids Mixed . Large flowering type, many fine colors. 2 ft.....	.20
LYTHRUM roseum superbum . Erect spikes of rose-colored flowers. July to September. 4 ft..	.15
MECONOPSIS cambrica (The Yellow Welsh Poppy). Showy variety with pale yellow flowers, fine for rock work.....	.50
integrifolia . Large flowers of a beautiful soft shade of primrose yellow.....	.50
Wallichii (Blue Himalayan Poppy). Pale blue drooping flowers. 3 ft.....	.50
MIMULUS cardinalis . Large scarlet flowers. 1 ft.....	.20
tigrinus . Tigered and spotted flowers.....	.20
moschatus . Yellow, fragrant foliage.....	.20

Myosotis (Forget-me-not)

These dainty little flowers love cool, moist soils and bloom freely in Spring and Fall. They make beautiful close borders or edgings.	Pkt.
alpestris Victoria . Bright blue. 6 in. ¼ oz. \$1.00, \$0.15	
Victoria . White. 6 in. ¼ oz. \$1.00,	.15
Victoria . Rose. 6 in. ¼ oz. \$1.00,	.15
Victoria . Indigo blue. 6 in. ¼ oz. \$1.00,	.15
dissitiflora . Large rich blue, excellent for pots. 9 in. ....	.25
hybrida Ruth Fisher . Very large, pale blue flow- ers. 6 in. ....	.25
palustris semperflorens . Large blue flowers blooms from Spring until late in the Autumn. 9 in. ....	.20



- ÆNOTHERA Fraseri** (Evening Primrose). Fine Pkt.
variety with large yellow flowers. 1½ ft. \$0.15
Youngii. Showy variety producing bright yellow
flowers the entire Summer. 3 ft.15

Choice Pansies

The Pansy is one of our most popular flowers and well deserves the place which it takes in almost every garden. Our strains are saved from very choice selections and cannot be surpassed. Pkt.

M. S. CO.'S GIANT EXHIBITION. A highly perfected strain saved only from the largest and best shaped flowers, unsurpassed for form and colorings, handsomely marked and of great substance. 1/8 oz. \$3.00 \$1.00

- English Show.** A showy class of vigorous growth, in a great variety of brilliant colors.25
Bugnot's Superb Blotched. An exceedingly large three-blotched type with upper petals finely lined.25
Masterpiece. Curled, wavy petals, splendid colors, very distinct.35
Triumph of the Giants. An excellent strain with exceptionally large, beautifully frilled and waved flowers.50

Giant Pansies in Separate Colors

- Cardinal.** Brilliant red, very fine.25
Golden Gem. Pure yellow.25
King of the Blacks. Almost black, very effective.. .25
Lord Beaconsfield. Purple-violet, shading to light blue.25
Psyche. Violet, bordered white.25
President Carnot. Pure white petals with a deep blotch.25
Snow Queen. Pure satiny white.25
White with Dark Eye.25
Yellow with Dark Eye25

Trimardeau Giant

A very showy class of vigorous growth. The flowers are large and carried well above their leaves. Pkt.

- Adonis.** Light blue, white margin. 1/4 oz. \$1.50 \$0.20
Golden Queen. Pure yellow. 1/4 oz. \$1.50, .20
Yellow, with black eye. 1/4 oz. \$1.50, .20
Lord Beaconsfield. Lavender and purple. 1/4 oz. \$1.50, .20
Prince Henry. Light brown, black eye. 1/4 oz. \$1.50, .20
Snow Queen. Pure white. 1/4 oz. \$1.50, .20
White, with purple eye. 1/4 oz. \$1.50, .20
Trimardeau, Giant Mixed. 1/4 oz. \$1.50, .20

Tufted Pansies (*Viola cornuta*)

Valuable bedding plants, blooming profusely from early Spring till late in the Autumn. They thrive best in partially shaded situations. Pkt.

- Admiration.** Rich, dark blue. 1/4 oz. \$1.50 \$0.20
Blue Perfection. Mauve, yellow eye. 1/4 oz. \$1.50, .20
Mauve Queen. Light blue. 1/4 oz. \$1.50, .20
lutea grandiflora. Golden yellow. 1/4 oz. \$1.50, .20
Snowflake. Pure white. 1/4 oz. \$1.50, .20
Choice Mixed 1/4 oz. \$1.50, .20
PENTSTEMON. Showy, half-hardy perennials producing large spikes of bell-shaped flowers. Large flowering hybrids mixed.35
PHLOX decussata. Large heads of finely colored flowers. 3ft.25
PHYSOSTEGIA virginica grandiflora. Beautiful border plants, delicate pink flowers on long stems. July and August. 3 feet.15
virginica grandiflora alba. Large, white flowers. .20



Platycodon (Wahlenbergia)

Handsome, hardy perennials, bearing large, bell-shaped flowers in great profusion. May to October. 2 ft. Pkt.
grandiflora. Deep blue.....\$0.15
grandiflora alba. Pure white......15
Mariesi. Dwarf variety of compact habit, flowers rich violet. 1 ft......20

POLYMONIUM cœruleum grandiflorum (Jacob's Ladder). Hardy perennial with clusters of blue flowers. 2 ft......10
cœruleum grandiflorum album. Pure white.. .15

Polyanthus (Primula elatior)

Fine, Spring blooming hardy perennials desirable for bedding out in Spring or for Winter flowering in the conservatory. Pkt.

Gold Laced. Brilliant colored flowers with distinct yellow edges.....\$0.20

Poppy (Papaver)

Iceland Poppy (Papaver nudicaule)

The delicate form and bright colors of this beautiful class render them very desirable as border plants. 1 ft.

Single White **Single Yellow**
Single Orange-Scarlet **Single Mixed**
 Each, pkt. 15c., ¼ oz. 75c.

bracteatum. Large orange-scarlet flowers. 2½ ft. Pkt.
 ¼ oz. 50c. \$0.10
orientale. Brilliant orange-scarlet with black spot.
 3 ft.....¼ oz. 75c., .15
Hybrids. Choice mixed.....¼ oz. \$1.00, .20
Mrs. Perry. Beautiful salmon-rose......25

POTENTILLA. Very desirable perennials with handsome, brilliant flowers and ornamental foliage. June to August. 2 ft.
Single Mixed Hybrids......15
Double Mixed Hybrids......25

PRIMROSE (Primula vulgaris).
Dean's Large Flowering Colored Hybrids
Mixed......50
Yellow. The yellow English Primrose......25

PRIMULA japonica (Japanese Primrose). One of the finest garden Primroses, producing whorls of large flowers on erect stems. 1½ ft.
Choice Mixed Hybrids......20

Pyrethrum

Showy, hardy perennials with brilliant and lasting flowers. 2 ft. Pkt.

roseum hybridum. Single Mixed.....\$0.15
hybridum. Double Mixed......25
aureum (Golden Feather). Yellow, fern-like leaves, fine for edgings. 6-8 in.....¼ oz. 35c., .10

REHMANNIA angulata. Splendid half-hardy perennial with Gloxinia-like flowers of rosy-purple with yellow throat. Suitable for pot culture or outdoors in sheltered situations. 3 ft.. .25

ROMNEYA Coulteri (Giant White Californian Poppy). Beautiful half-hardy perennial, fine, fragrant white flowers. 4 ft......25

RUDBECKIA Newmanii. Magnificent golden-yellow flowers with maroon center. 3 ft......20

SAPONARIA ocymoides splendens.	Elegant Pkt.
trailing perennial with pretty rose-colored flowers suitable for rockeries.....	\$0.15
SAXIFRAGA umbrosa (London Pride). Low- growing, spreading plant, flowers white, suffused with red. 9 in.....	.25
SCABIOSA caucasica. Large, semi-double, pale lavender flowers; fine for cutting. June to Au- gust 2 ft.....	.15
caucasica alba. A white form of the above....	.25
STATICE latifolia. Hardy perennial with large, branching heads of clear mauve flowers. Excel- lent for borders. 2 ft.....	.15
STOKESIA cyanea. Popular perennial with large lavender-blue flowers; blooms all Summer. 2 ft.....	.15
cyanea alba. A white form of the above.....	.15
SUNFLOWER rigidus. Rich, golden yellow flowers, valuable for cutting.....	.15

Sweet William (*Dianthus barbatus*)

Splendid, old-fashioned hardy perennial, producing large heads of beautifully colored sweet-scented flowers. 1½ ft. Pkt.

Single Dark Crimson	¼ oz. 35c.	\$0.10
Single Pink Beauty. Rosy chamoise... ¼ oz. 75c.,		.15
Single Scarlet Beauty. Brilliant scarlet ⅛ oz. 75c.,		.25
Single Pure White ¼ oz. 35c.,		.10
Holborn Glory. A large-flowered selection of the Auricula-eyed type, the individual flowers and trusses are of extraordinary size, while the range of the color is superb..... ¼ oz. 75c.,		.15
Double Mixed ¼ oz. 75c.,		.15

THALICTRUM adiantifolium. Hardy plant with elegant foliage resembling that of the Maiden-hair fern, admirable for bouquets. 1 ft..... .20

TROLLIUS europæus. Large flowered variety of the Buttercup, bright yellow globular flowers. 2 ft..... .20

VALERIAN, Red. Showy, hardy perennials, admirable for wild gardens and rock work. 2 ft..... .15

White. A white form of the above..... .15

VERBASCUM, Harkness Hybrids. Immense spikes, well furnished with large, pure yellow flowers during the whole Summer. Hardy perennial. 5 ft..... .25

Veronica

Hardy perennial herbaceous plants of pyramidal habit. 1½-2 ft. Pkt.

longifolia. Long spikes of rich blue flowers..... \$0.15

spicata. Bright blue flowers..... .20

Wallflower

These useful hardy biennials are indispensable in every garden and for Spring bedding are without a rival. Pkt.

Single Blood Red	¼ oz. 35c.	\$0.10
Single Belvoir Castle. Bright yellow... ¼ oz. 35c.,		.10
Single Harbinger. Dark red..... ¼ oz. 35c.,		.10
Single Vulcan. Compact variety with immense, rich-crimson flowers..... ¼ oz. 35c.,		.10
Single White Gem. Pure white..... ¼ oz. 35c.,		.10
Choice Single Mixed ¼ oz. 35c.,		.10
Choice Double Mixed	Oz. \$1.25,	.25

For Perennial Plants, see separate catalogue.



Summer Flowering Bulbs and Roots

Gladioli

New and Choice Varieties

(Varieties marked with an asterisk [*] are particularly fine for forcing.)

Pink Varieties

	Doz.	100
*America. Beautiful flesh-pink.....	\$0.75	\$5.00
Attraction. Deep rose with white throat..	1.00	7.50
*Pink Perfection. True La France pink. Large, open flowers on a long spike.....	2.00	16.00
Delice. Clear, dainty pink, self-colored....	1.00	7.50
Mrs. Francis King. Beautiful flame pink..	.75	5.00
Mrs. Dr. Norton. A pure, soft white with tips of petals suffused La France pink. The most beautiful variety of this type on the market.....	12.00	
*Myrtle. Delicate rose-pink with throat tinted primrose and white.....	1.50	12.00
Wilbrink. Immense blooms of a beautiful flesh pink on a graceful spike; highly recom- mended.....	2.00	16.00

Salmon Pink Varieties

*Dawn (Tracy's). The most beautiful coral- pink Gladiolus ever offered. A long, grace- ful spike of magnificently formed flowers all open at one time.....	2.00	16.00
Daybreak. A charming light pink with blazed white throat, magnificent, orchid- like variety.....	3.50	25.00
*Halley. A beautiful early blooming sort with large, well-opened flowers of delicate salmon-pink.....	.85	6.00
Prince of Wales. A clear grenadine pink with throat markings of a deeper tone, tips of petals shaded apricot buff.....	2.00	16.00

Rose Pink Varieties

Apollo. Deep Begonia rose with delicate white markings in throat.....	2.00	16.00
Arizona Rose. Charming shade of light old rose.....	1.75	13.00
*Independence. Brilliant begonia pink with richly marked throat, long spike of wax-like flowers.....	.85	6.00
*Panama. A perfect hermosa pink with large, wide open wax-like flowers.....	1.25	8.50
Evelyn Kirtland. Charming rose-pink....	2.00	16.00

Red Varieties

Crimson Glow. A perfect scarlet of a deep tone. One of the most beautiful red Gladiolus.....	.70	5.50
Mrs. Beecher. Deep rosy-carmine with white throat.....	1.00	7.50
Empress of India. Rich dark red, a rare and beautiful color.....	1.00	7.50
Princeps. Large, Amaryllis-like flower of a rich dark scarlet marked with white on the lower petals.....	1.15	8.00
War. Deep blood red, shaded crimson-black.	2.00	16.00

Buff Varieties

*Niagara. Creamy yellow, throat shaded deeper. One of the best.....	1.25	8.50
Loveliness. Cream tinted sulfrano pink, very soft and delicate.....	2.00	16.00

GLADIOLI—Continued

Yellow Varieties

*Alice Tiplady (Primulinus). Soft, coppery-bronze, in color and texture nothing surpasses this variety. The queen of the Primulinus type.....	Doz. 100	
		\$4.00 \$30.00
Schwaben. Clear citron-yellow with carmine blotch in the throat. The largest and strongest yellow Gladiolus.....	1.50	10.00
Golden King. Brilliant golden yellow, with crimson blotch in throat.....	1.00	7.50
Yellow Prince. Fine clear yellow.....	2.00	16.00
*Klondike. Primrose yellow with crimson blotch.....	.70	5.50

Lavender Varieties

Blue Jay. Light grayish-blue with a red stripe on the tongue of the lower petals. A distinct variety.....	3.00	24.00
Blue Vista. An unusual and beautiful variety, clear glistening white with distinct iris-blue markings in throat.....	2.00	16.00
Scarsdale. Large pink-lavender colored flowers	1.15	8.00

Purple Varieties

Baron Joseph Hulot. Deep violet-blue....	1.25	8.50
Violet Perfection. Deep rich purple. A magnificent sort and best of its color.....	12.00	

White Varieties

Augusta. White with lavender anthers. Strong spike.....	.70	5.50
*Chicago White. A fine white variety with lavender stripes on lower petals.....	1.00	6.50
*Europa. Pure white of perfect form.....	2.00	16.00
*Lily Lehman. Pure glistening white with just a tinting of pink on tips of petals.....	1.50	11.00
*Glory of Holland. Fine white with delicate lavender anthers.....	1.15	8.00
Peace. Large white flower with pale violet feathering on interior petals.....	1.00	7.00

Blotched Varieties

Mrs. Frank Pendleton. A spectacular variety producing large, light-pink flowers heavily blotched with blood red in throat..	1.15	8.00
*Willy Wigman. Blush white with long, bright blotch on lower petals, a most attractive variety.....	1.00	6.50

Persian Colors

Amethyst. A strong, open flower of a deep amethyst color, slightly suffused rose.....	.75	5.00
Pink of India. Dull old rose, suffused and streaked with purple. A unique and attractive variety.....	5.00	37.50

M. S. Co.'s Special Amateur Mixture of Giant Flowering Gladioli

This mixture includes the best varieties selected from collections of the best hybridizers and growers.....	100	1000
		\$4.50 \$45.00

Primulinus Selected Hybrids. This beautiful race has been produced by using the fine yellow species "Primulinus" in crossing with older existing strains. The varieties resulting are distinguished mainly for their fine and varying shades of yellow, graceful, slender stems and airily poised and hooded flowers. No other race of Gladiolus contains such varied and beautiful tints of yellow, orange and saffron colors. We highly recommend this type for forcing, as we have received numerous testimonials from our customers as to their value for forcing purposes. Bulbs of the Primulinus Hybrids can be supplied up to September 1.....

	Doz. 100
	\$1.50 \$10.00



Hardy Lilies

(Prices subject to change).

	Doz.	100
Auratum (The Golden-rayed Lily of Japan). Pure white, thickly studded with crimson spots, and a clear, golden band through the center of each petal. Jumbo Bulbs, 11 to 13 in.....	\$6.50	\$50.00
Mammoth Bulbs, 9-11 in.....	6.00	45.00
Speciosum album. Pure white, Jumbo Bulbs, 11-13 in.....	6.50	50.00
Mammoth Bulbs, 9-11 in.....	6.00	45.00
Speciosum magnificum. White, spotted and bordered with deep pinkish crimson, superior to rubrum, roseum or Melpomene. Jumbo Bulbs, 11-13 in.....	6.50	50.00
Mammoth Bulbs, 9-11 in.....	6.00	45.00
Henryi (The Yellow Speciosum). Rich, golden yellow, lightly spotted with brown. Mammoth Bulbs.....	6.50	50.00
Myriophyllum. Flowers white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center. Sweet-scented, absolutely hardy and excellent for forcing. Extra large bulbs.....	Each \$1.25, 13.00	100.00
Batemanni. Reddish-orange.....	3.00	24.00
Canadense. Bell-shaped blossoms, bright yellow with red stripes.....	2.00	16.00
Canadense rubrum. Crimson, with dark spots.....	4.00	30.00
Davuricum. Scarlet flowers, dotted black.....	2.00	16.00
Elegans, Leonard Joerg. Rich, apricot-spotted.....	2.50	20.00
Hansonii. Reddish-orange flowers, eight to twelve in a cluster.....	7.00	50.00
Pardalinum (Leopard Lily). Scarlet and yellow, spotted rich brown.....	2.00	16.00
Superbum. Bright orange, tipped red, spotted flowers.....	2.00	16.00
Tigrinum splendens. Orange, spotted black.....	3.00	24.00

Liliums from Cold Storage

Auratum , 9-11 in.....	Case of 50, \$25.00
Auratum , 11-13 in.....	Case of 50, \$30.00
Speciosum album , 9-11 in.....	Case of 50, \$25.00
Speciosum album , 11-13 in.....	Case of 50, \$30.00
Speciosum magnificum , 9-11 in.....	Case of 50, \$25.00
Speciosum magnificum , 11-13 in.....	Case of 50, \$30.00

Lily of the Valley Pips (Cold Storage)

(Will bloom in 21 days after planting)

We make a specialty of Lily of the Valley; the grade we handle is the very best that can be procured and we are constantly receiving testimonials as to its superior quality. *Place your orders now, for present and future deliveries.*

Selected Pips....Case of 250, \$16.00; case of 500, \$30.00

Lily of the Valley Clumps

	Doz.	100
Large clumps for outside planting.....	\$5.00	\$38.00

Choice Cactus Dahlias

	Each	Doz.
Bianca Lovely pink-lavender, large.....	\$0.75	\$7.50
Crystal. Pink, shaded white.....	.50	5.00
F. W. Fellows. Orange-scarlet, large.....	.75	7.50
Golden Gate. Golden yellow, extra large....	.50	5.00
Kalif. Fine scarlet, large flower.....	.50	5.00
Master Carl. Large, bright amber.....	.50	5.00



CHOICE CACTUS DAHLIAS—Continued

Mrs. C. H. Breck. Soft yellow, suffused with carmine.....	Each \$0.50	Doz. \$5.00
Mrs. Francis White. Pure white, one of the best.....	.50	5.00
Red Cross. Large light orange, shading to yellow.....	2.00	
Wodan. Large salmon rose.....	.50	5.00

Choice Decorative Dahlias

	Each	Doz.
D. M. Moore. Large rich velvety maroon..	\$0.50	\$5.00
Delice. Bright pink, very fine.....	.50	5.00
Geo. Walters. Pinkish-salmon, free bloomer.	1.00	
Hortulanus Fiet. Shrimp pink, tipped gold, extra fine.....	.75	7.50
King Albert. A dark-violet flower of great merit.....	1.00	
King of Autumn. Buff-yellow, very fine..	.75	7.50
Le Grand Manitou. White and violet-red.	.50	5.00
Mina Burgle. Fine dark scarlet.....	.50	5.00
Rose Gem. Handsome delicate pink.....	1.00	
Souv. de Gustav Douzon. Large brilliant crimson.....	.35	3.50

Choice Pœony Flowered Dahlias

	Each	Doz.
America. Apricot orange.....	\$0.50	\$5.00
Attraction. Clear lilac-rose.....	1.00	
Aurore. Orange-salmon, extra fine.....	1.00	
Cæcilia. Large lemon yellow.....	.50	5.00
Creation. Cherry-red and yellow-bronze...	1.00	
Duchess of Brunswick. Large apricot....	.75	7.50
Geisha. Scarlet and gold, very fine.....	.50	5.00
Hon. R. L. Borden. Golden bronze.....	.50	5.00
Latona. Buff-yellow, large.....	1.00	
Mrs. W. E. Whineray. Rose, shaded yellow.....	.50	5.00

Choice Single Dahlias

	Each	Doz.
Eckford Century. White and crimson, large.	\$0.35	\$3.50
Frigolia. Blood-red, white tips.....	.50	5.00
Miss Emma. Rich red and golden yellow..	.35	3.50
Rose Pink Century. Fine pink.....	.35	3.50
White Century. Large white.....	.35	3.50
Tango Century. Large bronze.....	.50	5.00

Tuberous Rooted Begonias

Single Flowering

	Doz.	100
Scarlet	\$4.00	\$30.00
Salmon-Pink	4.00	30.00
Yellow	4.00	30.00
Rose	4.00	30.00
Pink	4.00	30.00
Orange	4.00	30.00
White	4.00	30.00
Single Mixed	3.50	28.00

Double Flowering

	Doz.	100
Crimson	\$4.50	\$35.00
Rose	4.50	35.00
Salmon	4.50	35.00
Scarlet	4.50	35.00
Double Mixed	4.00	30.00

Fancy-Leaved Caladiums

No other Summer foliage plant equals the Fancy Caladium in rich and gorgeous, yet soft coloring.	Each	Doz.
Choice Named Varieties	\$0.60	\$6.00



Large Flowering Cannas (Dormant Roots)

	Doz.]	100
Alphonse Bouvier. Dark crimson, green foliage, 5 ft.....	\$1.00	\$6.00
City of Portland. Beautiful pink, green foliage, 3 ft.....	1.75	12.00
Egandale. Cherry red, bronze foliage, 4 ft..	1.25	8.00
Fire Bird. The very best red flowered green-leaved Canna.....	2.25	15.00
Gladiflora. Flowers resemble a Gladioli in shape. Color crimson, changing to carmine rose, 6 ft.....	1.25	8.00
Hungaria. The ideal pink bedder, green foliage, 3½ ft.....	1.50	10.00
King Humbert. Gigantic brilliant orange scarlet flowers, bronze foliage, 5 ft.....	1.50	10.00
Panama. Rich orange red edged golden yellow, green foliage, 3 ft.....	1.25	8.00
Rosea gigantea. Rich rose-pink flower of giant size, green foliage, 4 ft.....	1.75	12.00
Wintzer's Colossal. Vivid scarlet, the largest flowered Canna, green foliaged, 4 ft.	1.50	10.00
Yellow King Humbert. Beautiful yellow spotted red, green foliage.....	1.50	10.00
CALLA Elliottiana (Yellow Calla). Flowers deep yellow, spotted leaves.....	5.00	35.00
DIELYTRA spectabilis (Bleeding Heart). strong clumps.....	9.00	70.00

Gloxinias

	Doz.	100
White	\$4.50	\$35.00
Red	4.50	35.00
Dark Blue	4.50	35.00
Blue with White Border	4.50	35.00
Red with White Border	4.50	35.00
Choice Mixed	4.00	30.00
GESNERAS, Choice Hybrids. Beautiful bulbous plants for greenhouse and conservatory decoration during the Summer and Autumn months. The flowering spikes are thrown up in great abundance and carry numerous pendulous flowers. Admirable as table plants.....	4.00	30.00
HYACINTHUS candicans. Pure white, bell-shaped flowers growing 3 to 5 ft. in height. They contrast elegantly with Gladioli.....	.75	5.00
ISMENE calythina. A grand Summer flowering bulb producing with great freedom. Large Amaryllis-like, pure white, fragrant blossoms.....	1.75	12.00
MILLA biflora (Mexican Star Flower). One of the loveliest Summer flowering bulbs, the flowers are 2 in. in diameter and of a pure, waxy-white color.....	1.00	7.00

Montbretias

	Doz.	100
George Davison. Large orange yellow.....	\$2.50	\$16.00
Golden West. Pure golden yellow.....	2.50	16.00
Lady Hamilton. Yellow, center suffused rosy-apricot.....	2.50	16.00
Hereward. Pure yellow, reverse of petals orange.....	2.50	16.00
TUBEROSES, Excelsior Double Pearl. Mammoth Bulbs.....	1.50	10.00



Greenhouse Plants for Delivery During the Summer

100

BEGONIA, Gloire de Lorraine , 2¼-in. and 3-in. pots.....	\$35.00-\$50.00
Glory of Cincinnati , 2¼-in. and 3-in. pots.....	35.00- 50.00
Melior , 2¼-in. and 3-in. pots.....	35.00- 50.00
Mrs. Peterson , 2¼-in. and 3-in. pots....	35.00- 50.00
HYBRID BEGONIAS (Winter Flowering Type). Varieties and prices on application.	
CYCLAMEN (Giant Flowering). Best imported strain.	
Pure White , 3-in. pots.....	25.00
White with Pink Eye , 3-in. pots.....	25.00
Pink , 3-in. pots.....	25.00
Glory of Wandsbek , 3-in. pots.....	25.00
Salmon , 3-in. pots.....	25.00
Red , 3-in. pots.....	25.00
EUPHORBIA jacquinaeflora , 2½-in. pots.....	25.00
MARGUERITES, White , 3-in. pots.....	25.00
Boston Yellow , 3-in. pots.....	25.00
POINSETTIAS , 3-in. pots.....	25.00
SMALL FERNS in variety for Fern Dishes, 2½-in. pots.....	12.00

Bedding Plants for May Delivery

100

GERANIUM Alphonse Ricard . Scarlet, 4-in. pots.....	\$35.00
Glory of Poitevine . Pink, 4-in. pots.....	35.00
S. A. Nutt . Red, 4-in. pots.....	35.00
Mme. Buchner . White, 4-in. pots.....	35.00
HELIOTROPE, Sweet-Scented Varieties . Light and Dark Blue, 3-in. pots.....	
BEGONIA Erfordii , 3-in. pots.....	25.00
luminosa , 3-in. pots.....	25.00
Vernon , 3-in. pots.....	25.00
PETUNIA, Rosy Morn , 2½-in. pots.....	20.00
VERBENAS, White , 2½-in. pots.....	20.00
Pink , 2½-in. pots.....	20.00
Blue , 2½-in. pots.....	20.00

Decorative Greenhouse Plants: Palms, Ferns, Crotons, Dracænas, etc.

Our exceptional connections with leading specialists everywhere enable us always to supply the choicest plants in all sizes and varieties and we will readily submit quotations for your requirements. Ferns and several varieties of Palms we can supply out of small pots for growing on if you so desire.

Orchids

While the present embargo on plants restricts greatly their importation we still have to offer excellent stock of the principal species, namely Cattleyas, Oncidiums, etc., also a great variety of Choice Hybrids. Prices with detailed specifications gladly submitted on request.

Roses

For outside planting. (Special folder sent on request.)

Hardy Trees, Shrubs, Evergreens, Perennials, etc.

We are prepared to give expert advice on the laying out and planting of new grounds. Plans prepared. Choicest stock ready for immediate delivery. (Special list of Perennials mailed on request.)



Tools and Requisites

(Prices subject to change without notice.)

Aprons, Gardeners' (Imported).....Each \$4.50

Asparagus Knives. English.....Each. \$1.50

Baskets: Each Doz.

Vegetable. Oak Splint Bow Handle.

10x18 in.....\$1.50 \$15.00

13x23 in.....1.75 18.00

15x24 in.....2.00 22.00

16½x25 in.....2.25 25.00

Wire Hanging. 10-in......50 5.00

12-in......75 7.50

15-in.....1.00 10.00

Bellows. Powder. Large. Single Cone.... 5.00

Bill Hooks, Double Edge, English, 9-in.... 2.50

Blake's Lever Clips. For fastening Rose
Wire.....Per 1000, \$3.00,

Boxes, Folding. Made of strong cardboard. 100

21x5x3.....\$12.00

24x8x4.....17.00

28x8x5.....22.00

36x8x5.....26.00

Boxes, Corrugated. Price on application.

Brooms, Birch. For lawns.....Each 60c.

Canes, Bamboo. Green, 2 ft.....100 1000
\$1.25 \$10.00

2½ ft.....1.50 12.00

3 ft.....1.75 15.00

3½ ft.....2.00 18.00

4 ft.....2.50 20.00

Japanese. Natural, 6-ft.....2.50 22.00

Domestic. Natural, 6-9 ft.....3.50 30.00

Chinese, 4-ft.....3.00 24.00

6-ft.....7.00 60.00

8-ft.....8.00 70.00

Carnation Staples. For split Carnations.
Per 1000, 75c.

Carnation Supports. Model Extension.
Doz. 100

2-ring.....\$1.25 \$7.50

3-ring.....1.50 10.00

Celery Bleachers. 6½x13 in.....3.00

Handler for Above.....Each 4.00

Cork Bark.....Per lb. 25c.

Cotton Batting.....Doz. sheets \$1.50

Dibbles. Iron point for transplanting... Each 60c.

FLOWER POTS, PANS, ETC. (Earthenware).

Flower Pots. 2½-in.....100 1000
\$2.00 \$16.00

3-in.....2.60 21.00

4-in.....4.00 33.00

5-in.....7.20 58.00

6-in.....10.80 87.00

7-in.....18.00 145.00

8-in.....26.00

9-in.....40.00

10-in.....54.00

12-in.....110.00

			Doz.	100
Flower Pot Saucers.	4-in.		\$0.60	\$3.00
	5-in.		.75	4.00
	6-in.		.95	6.00
	7-in.		1.20	8.00
	8-in.		1.50	11.00
	9-in.		2.00	15.00
	10-in.		2.50	18.00
	12-in.		3.25	27.00
Bulb Pans. (Round).	6x4 $\frac{1}{8}$ in. deep		1.50	10.80
	8x4 $\frac{1}{2}$ in. deep		3.50	26.00
	10x4 $\frac{1}{2}$ in. deep		6.75	54.00
	12x4 $\frac{3}{4}$ in. deep		14.00	110.00
Azalea Pots:				
	6 in. wide x 4 $\frac{1}{2}$ in. deep		1.50	10.80
	7 in. wide x 5 $\frac{1}{4}$ in. deep		2.50	18.00
	8 in. wide x 6 in. deep		3.50	26.00
	10 in. wide x 8 in. deep		6.75	54.00
Waterproof Paper Pots:			100	1000
	3-in.	\$1.10 \$10.00	4-in.	2.00 15.00
	3 $\frac{1}{2}$ -in.	1.25 12.00	5-in.	3.00 25.00
	6-in.		4.00	35.00
Fibre Ware.				
Fibre Saucers:			Doz.	
	5-in.	\$6.00	10-in.	8.00
	6-in.	6.50	12-in.	9.00
	7-in.	7.00	14-in.	11.50
	8-in.	7.25	16-in.	20.00
	18-in.			24.00
Fibre Vases	Depth	Diam.	Doz.	
No. 0	13 in.	8 in.	\$26.00	
No. 1	10 in.	5 $\frac{1}{2}$ in.	22.00	
No. 2	9 in.	4 $\frac{1}{2}$ in.	20.00	
No. 3	6 in.	4 in.	17.00	
No. 00	22 in.	9 in.	78.00	
No. 01	20 in.	7 in.	45.00	
No. 11	18 in.	5 $\frac{1}{2}$ in.	30.00	
No. 22	15 in.	4 $\frac{1}{2}$ in.	27.00	
Forks, Digging.	4-prong. Best quality. Short handles		Each	\$2.00
	5-prong. Best quality. Short handles			2.50
Manure.	4-prong. Best quality. Short handles			2.00
	5-prong. Best quality. Short handles			2.50
Hay.	2-prong. Best quality. Long handles			1.50
	3-prong. Best quality. Long handles			1.75
Weeding.	Short handles			.50
Fumigators, Sulphur, Campbell's Patent:				
No. 1.	For houses up to 5,000 cubic feet			8.50
No. 2.	For houses up to 10,000 cubic feet			10.00
Garden Lines.	100 feet			2.00
	200 feet			4.00
Garden Reels.				1.75
Gloves, Pruning, Oxford Tan.			Pair	2.50
Grafting Wax.			Lb.	\$0.45
Grass Hooks or Sickles.	Best quality. Medium		Each	\$1.00
	Large			1.25
Grape Bags, Paper.	Per 100, \$1.00; per 1000, \$8.00.			
Hoes, Draw, Handled.	Best quality. 5-in.			.80
	6-in.			.90
	7-in.			1.10
	8-in.			1.25
Hoes, Scuffle.	Best quality. (English.) 5-in.			.75
	6-in.			1.00
	7-in.			1.30
	8-in.			1.50
Handles, Extra.				.35
Hoes, Warren.	Medium			1.10
	Large			1.25
Horse Boots.	(Set of Four)			26.00
Hose Menders, Cooper's Brass.	$\frac{1}{2}$ -in.		Doz.	\$1.50
	$\frac{3}{4}$ -in.			2.00
	Perfect Clinching. $\frac{3}{4}$ -in.			1.75

A Garden for Every Home

	Each
Hose Couplings, Brass	\$0.40
Hose Nozzles. Graduating for $\frac{3}{4}$ -in. hose.....	1.00
Bordeaux, for spray pumps.....	1.25
Mystery, Jr., for spray pumps.....	1.25
The Stott, for under spraying.....	2.00
Hose, Rubber. Muller-Sealey Co.'s Special. Durable and non-kinkable, in 25- and 50-foot lengths.	
$\frac{1}{2}$ -in.....	Ft. 22c.
$\frac{3}{4}$ -in.....	Ft. 25c.
Hose Reels, Iron:	Each
No. 10. For 100 ft. of hose.....	\$6.00
No. 20. For 150 ft. of hose.....	7.50
Knives, Budding. (English.).....	3.25
Budding. (English.) Brass cap.....	4.25
Pruning. (English.).....	3.50
Edging. (Handles Extra).....	2.50
	1000
Labels, Wooden. Painted. 4x $\frac{5}{8}$ in. wide.....	\$2.00
5x $\frac{5}{8}$ in. wide.....	3.00
6x $\frac{5}{8}$ in. wide.....	4.00
	100
8x $\frac{7}{8}$ in. wide. (Garden).....	\$1.25 10.00
10x $\frac{7}{8}$ in. wide. (Garden).....	1.50 13.00
12x $\frac{7}{8}$ in. wide. (Garden).....	2.00 16.00
Labels, Hanging. Copper wired. Painted.	
3 $\frac{1}{2}$ -in.....	3.50
Labels, Pot. Celluloid (5 inch) per 100.....	5.00
Lawn Mowers:	Each
High Wheel Imperial. (5 blades):	
14-in.....	\$21.00
16-in.....	22.50
18-in.....	24.00
20-in.....	25.50
The Regal. (5 blades):	
14-in.....	24.00
16-in.....	25.50
18-in.....	27.00
20-in.....	28.50
Pennsylvania High Wheel. (4 blades):	
15-in.....	Price on application
17-in.....	Price on application
19-in.....	Price on application
21-in.....	Price on application
Townsend, Victory. (4 blades):	Each
16-in.....	\$23.00
18-in.....	25.00
20-in.....	27.00
Townsend, Golf Wonder. (7 blades):	
16-in.....	28.00
18-in.....	30.00
20-in.....	32.00
Demountable Putting Green Mower. The cutter section can be taken out and another placed in a very short time. Prices with extra cutting units:	
16-in. (6 blades).....	39.00
18-in. (6 blades).....	43.50
20-in. (6 blades).....	46.50
Horse Mower	
30-in. (4 blades).....	140.00
35-in. (4 blades).....	160.00
40-in. (4 blades).....	175.00
30-in. (6 blades).....	155.00
35-in. (6 blades).....	170.00
40-in. (6 blades).....	185.00
F. O. B. Newburgh, N. Y.	
Townsend Triplex. 86-in. cut.....	355.00
F. O. B. Bloomfield, N. J.	
Coldwell's Motor Mowers. Weight 2000 lbs. Cuts	
40-in. swath. Style J.....	1500.00
F. O. B. Newburgh, N. Y.	
Model G, Walk Type. 35-in. cut, weight 950 lbs.	550.00
Model H, Walk Type. 30-in. cut, weight 850 lbs.	500.00
F. O. B. Newburgh, N. Y.	



Lawn Sweeper, Pennsylvania:	Each
24-in.....	\$35.00
36-in.....	50.00
Lawn Sprinklers:	
The Dayton. The most practical and durable sprinkler for lawns and gardens. It sprinkles from a 3-ft. to a 40-ft. radius.....	6.50
California Lawn Sprinkler. Has four brass arms mounted on sled.....	2.75
Brass Fountain Sprinkler.	1.25
Mats, Hotbed. Size 76x76. Best quality....	Doz. \$50.00
Melon Nets	Doz. \$3.00, 100 \$22.00
Mole Traps. The Reddick.....	Each \$1.50
Moss, Dyed Green, Sheet	Bag \$6.00
Nails, English Wall. (Chandler's Patent) 1½-in	100, \$2.50
Netting, Dark Tanned. Imported.	
In pieces, 50 yds. x 4 yds.....	\$12.00
In pieces, 25 yds. x 8 yds.....	12.00
Paper, Wax, Tissue, 24x36	Ream, 6.00
Plain, Tissue, 24x36	Ream, 3.75
Cream, Manilla, 24x36	Lb., .20
Cream, Manilla	Ream of 50 lbs., 9.00
Brown, Wrapping, 40x48	Lb., .20
Brown, Wrapping, on Rolls, 24 in. wide ...	Lb., .20
Brown, Wrapping, on Rolls, 36 in. wide ...	Lb., .20
Pencils, Wolff's Indelible	Each, .20
PLANT STAKES.	
Round, Green, Light:	100
2-ft.....	\$4.50
3-ft.....	8.50
4-ft.....	14.00
Heavy:	
4-ft.....	18.00
5-ft.....	23.00
6-ft.....	28.00
Square, Heavy:	
4-ft.....	20.50
5-ft.....	28.00
6-ft.....	32.00
Wire Stakes for Roses:	
3-ft.....	Price on application
4-ft.....	Price on application
5-ft.....	Price on application
Plows	Prices on application
	Each
Potato Hooks. 4-prong	\$1.50
5-prong.....	1.75
Plant Protecting Cloth. Light grade. 1x70 yds.	
at 20c. per yd. Medium grade, 1x60 yds. at 35c.	
per yd. Heavy grade, 1x40 yds. at 60c. per yd.	
Pumps:	
Pomona Barrel Spray Pump. Pump with agitator and hose coupling.....	30.00
Outfit C. Pump with agitator. One lead, 15 ft. discharge hose and nozzle.....	36.00
Mounted on barrel.....	48.00
Outfit D. Pump with agitator. Two leads, hose and two spray nozzles.....	46.00
Mounted on barrel.....	58.00
Brass Bucket Pump	6.50
Pruners, Tree. Waters':	
6-ft. pole.....	1.50
8-ft. pole.....	2.00
10-ft. pole.....	2.25
12-ft. pole.....	2.50
Little Giant. Has hook and saw combined, attaches to pole.....	3.75
	Lb.
Raffia. Natural color.....	\$0.50
Green.....	1.50
Rakes, Steel:	Each
10 teeth.....	\$1.20
12 teeth.....	1.30



Rakes, Steel:—Continued						Each
14 teeth.....						\$1.45
16 teeth.....						1.60
18 teeth.....						1.75
Hay, Wooden.	12 teeth.....					1.00
Lawn, Wooden.	Steel bow.	22 teeth.....				1.25
Roller, Water Ballast.						
	Diam.	Length	Sec.	Weight Empty	Weight Full	
No. 3...	14 in.	20 in.	1	60 lbs.	160 lbs.	22.00
No. 5...	18 in.	24 in.	1	85 lbs.	300 lbs.	26.00
No. 7...	24 in.	24 in.	1	110 lbs.	500 lbs.	30.00
Saws, Pruning. Single Edge:						
16-in.....						1.40
18-in.....						1.60
20-in.....						1.75
Double Edge:						
16-in.....						1.75
18-in.....						2.00
20-in.....						2.25
Scythes, Lawn.	English, best quality...					3.75
Scythe Snaths or Handles						1.75
Scythe Stones.	Round.....				Doz. \$3.75,	.35
Scissors, Vine.	English, 7-in.....					2.25
Shears, Hand Pruning. Wiss:						
9-in.....						4.25
10-in.....						4.50
Wheel Spring. Imported:						
8-in.....						4.00
9-in.....						5.00
Hedge.	English: 9-in.....					4.00
Lopping.	English.....					5.00
Rhodes. Double Cut:						
20-in. handle.....						5.00
26-in. handle.....						5.00
Border.	English, long handles, 9-in.....					5.00
Grass or Sheep.	Best quality.....					1.50
Shovels.	Best cast steel, square or round point.....					2.50
Sieves, Wire.	18-in. diameter.....				\$2.50 and	3.00
Silkaline.	Meyer's Green. Box of eight spools.....					3.50
Spades.	Best cast steel.....					2.50
Sprayers.	Auto compressed air. No. 1B brass tank with Auto-Pop nozzle.....					12.00
Syringes, Brass.	No. 10. Length of barrel, 18 in. with two spray roses, stream and elbow joint. Extra heavy.....					7.50
	No. 11. Length of barrel, 18 in. with two spray roses and stream.....					6.00
Abol Syringe.	The nozzle has three caps, fine, medium and coarse. With elbow for under-spraying.....					10.00
Styptic, Thomson's.	To prevent bleeding of vines.....				Bottle \$1.00,	
Summer Cloud.	English greenhouse shading. 8-oz. pkg. 60c.,					
Thermometers. Copper case: 8-in.....						1.25
	Japanned case: 10-in.....					1.00
Self-registering. Japanned case:						
8-in.....						6.50
10-in.....						7.00
Mushroom Bed.	Best grade.....					2.50
Plant Tubs, White Cedar. Made of heavy cedar, painted green. Outside measurements:						
	Diameter		Height		Each	
No. 1.....	23 in.		22 in.		\$12.50	
No. 2.....	26 in.		20 in.		10.50	
No. 3.....	24 in.		18½ in.		8.50	
No. 4.....	22 in.		17 in.		7.50	
No. 5.....	20 in.		16 in.		6.00	
No. 6.....	18½ in.		15 in.		4.50	
No. 7.....	17 in.		14 in.		4.00	
No. 8.....	16 in.		13 in.		3.25	
No. 9.....	14 in.		12 in.		3.00	
No. 10.....	12 in.		9½ in.		2.50	



Trowels. Solid steel: Each
 7-in. \$0.85 8-in. \$1.00

Twine. Green Smilax.....Box of 8 balls, 1.75
 Marline (Tarred Twine).....Lb. .75
 Hemp. All sizes.....Lb. .75
 Jute. 3- and 4-ply, for trees.....Lb. .50

Watering Pots:

Philadelphia. Long spout, two copper-faced
 Roses:
 6-qt. \$4.50 8-qt. 5.00
 10-qt. 5.50

French. Oval, long spout, two roses, brass bow
 handle:
 6-qt. 5.25 8-qt. 5.50
 10-qt. 6.00

Hawes' Pattern:

4-qt. 4.50 8-qt. 6.00
 6-qt. 5.50 10-qt. 6.75

Weeders and Cultivators:

Eureka. Short, handle, steel fingers..... .60
Magic. Short handle, weeder and hoe combined.. .30
Norcross (Cultivator). 5-prong, 4-ft. handle.... 1.75
 3-prong, 4-ft. handle..... 1.50

Wheelbarrows. Best make:

Medium size..... 7.00
 Large size..... 8.00

Combination Water Barrel Truck and Leaf Rack.

Truck and Water Barrel. 3½-in. tires. Price
 on application.

Truck and Hand Cart Box. 3½-in. tires. Price
 on application.

Truck and Leaf Rack. 3½-in. tires. Price on
 application.

Extra Barrel with Trunnions. Price on applica-
 tion.

Leaf Rack Only. Price on application.

Hand Cart Box Only. Price on application.

Trunnions, per pair. Price on application.

Planet Jr., Tools:

**No. 11, Double and Single Wheel Hoe Com-
 bined.** Equipment—One pair 6-in. hoes, one
 pair 4½-in. hoes. Four steel cultivator teeth,
 one pair plows, two three-tooth rakes, two five-
 tooth rakes, two leaf lifters.....19.00

No. 16, Single Wheel Hoe. Equipment—One
 pair 6-in. hoes, three cultivator teeth, one large
 garden plow, one 7-in. rake, one 4-in. rake, one
 leaf guard.....12.75

No. 12, Double Wheel Hoe. Equipment—One Each
 pair 6-in. hoes, four steel cultivator teeth, one
 pair plows, two leaf lifters.....\$15.50

No. 4, Combined Seeder and Wheel Hoe.
 Holds 2½ qts. Equipment—One pair 6-in.
 hoes, three cultivator teeth, one plow, one leaf
 guard, one marker.....23.50

**No. 25, Combined Hill and Drill Seeder,
 Double and Single Wheel Hoe and Culti-
 vator and Plow.** Holds 2½ qts. Equipment—
 One pair 6-in. hoes, 4 cultivator teeth, one pair
 plows, two leaf guards, one marker.....26.50

No. 8, Horse Hoe and Cultivator. Equipment
 —Four 3x8-in. cultivator steels. One 4x8-in. cul-
 tivator steel, two 6-in. hillers, one 7-in. shovel,
 lever expander, depth regulator.....25.00

**Complete Illustrated Catalogue of Planet, Jr., Tools
 Mailed on Request.**

Melrosine. The new insecticide which quickly
 kills Rose bugs, and the minor insects of the Rose
 and other plants. Gal. \$6.00, 5 gals. \$25.00,
 10 gals. \$45.00.



INSECTICIDES

(Prices subject to market changes).

- Aphine.** For green, black or white fly, thrip, red spider, etc. Gal. \$3.00.
- Arsenate of Lead (Paste).** For caterpillars, fruit flies and all leaf-chewing insects. 10 lbs. \$3.50, 25 lbs. \$6.50, 50 lbs. \$12.50.
- Arsenate of Lead (Powder).** Can be used for wet spraying or dry dusting. 10 lbs. \$6.00, 25 lbs. \$13.00.
- Black Leaf 40.** For sucking insects on vegetables, flowers and fruits. 2 lbs. \$3.25, 10 lbs. \$13.75.
- Bordeaux Mixture (Powder).** For blight, mildew, rust etc. 10 lbs. \$4.00, 25 lbs. \$8.00.
- Bordeaux Mixture (Paste).** 10 lbs. \$3.00, 25 lbs. \$6.00, 50 lbs. \$11.00.
- Bordo Lead (Paste).** Insecticide and fungicide combined. Kills bugs and prevents blight, mildew and fungus. 10 lbs. \$3.50, 25 lbs. \$6.50, 50 lbs. \$12.00.
- Borowax.** A complete protection against borers in fruit trees. Gal. \$1.25, 6 gals. \$6.50.
- Cattle Comfort.** Protects livestock from flies, etc. Gal. \$2.25.
- Copper Solution.** For rust on Carnations, etc. Gal. \$4.00.
- Cut Worm Killer.** For cut worms and slugs. 5 lbs. \$1.50, 25 lbs. \$7.00.
- Fish Oil Soap.** For sucking insects on plants and trees. 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$7.00.
- Fungine.** For mildew and other fungus diseases. Gal. \$3.00.
- Grape Dust.** For mildew on Roses, Grape vines, etc. 10 lbs. \$2.00, 100 lbs. \$18.00.
- Helbore Powder.** For slugs, worms, caterpillars, etc. Lb. 75c., 5 lbs. \$3.50.
- Kerosene Miscible Oil.** For all soft-bodied insects, more effective than kerosene emulsion. Gal. \$2.00, 5 gals. \$9.00.
- Lemon Oil.** For mealy bug, scale, thrip, red spider, etc. Gal. \$3.00.
- Lime Sulphur Powder.** Easier and more pleasant to handle than the liquid. For dormant spraying of fruit and shade trees, 1 lb. makes from 3½ to 5 gallons. 10 lbs. \$2.50, 25 lbs. \$7.00.
- Nico-Fume Liquid.** For spraying or fumigating. 4 lbs. \$7.50, 8 lbs. \$14.50.
- Nico-Fume Paper.** For fumigating. 144 sheets \$5.00, 288 sheets \$9.50.
- Nikoteen.** For all insects affecting plant life. lb. \$2.25, 8 lbs. \$14.00.
- Paris Green.** For potato bugs, etc. Lb. 75c., 5 lbs. \$3.50.
- Pyrox.** For all leaf-eating insects, prevents blight and fungus. 10 lbs. \$3.50, 25 lbs. \$7.50, 100 lbs. \$22.00.
- Readeana.** For Rose bugs, black ants, etc. Gal. \$4.00, 5 gals. \$17.50.
- Scalecide.** For San Jose scale. 5 gals. \$6.80, 10 gals. \$11.70, 30 gals. \$29.00.
- Slug Shot.** Destroys all insects injurious to vegetables and plants of all kinds. 10 lbs. \$1.25, 100 lbs. \$11.00.
- Sulphur, Powdered.** For mildew on Grapes, Roses, etc. 5 lbs. \$1.00, 25 lbs. \$4.00.
- Tobacco Dust.** For dusting. 100 lbs. \$5.00.
- Tobacco Dust.** For fumigating. 100 lbs. \$6.00.
- Tobacco Stems.** For fumigating. 100 lbs. \$4.00.
- Tree Wound Paint.** Prevents decay after pruning and stops bleeding. Gal. \$3.00, 5 gals. \$11.50.
- Vermine.** For all soil vermin. Gal. \$3.00.
- Weed Killer (Read's Herbicide).** Kills weeds on paths, drives, gutters, tennis courts, etc. 5 gals. \$8.00, 10 gals. \$15.00, 30 gals. \$33.00.
- Worm Eradicator (Electric).** For destroying worms in lawns and putting greens. Gal. \$4.00, 5 gals. \$17.50, 10 gals. \$34.00.
- XL All Insecticide.** Well-known English plant spray. Kills mealy bug, red spider and all insect pests. Gal. \$7.00.



FERTILIZERS

(Prices subject to market changes).

- Bone Flour.** Ground very fine, excellent for Roses, etc.
200 lbs. \$11.00, ton \$90.00.
- Bone Meal.** Pure ground bone, for general use. Price on application.
- Bon Arbor No. 1.** An excellent food for all plants.
5 lbs. \$2.50, 100 lbs. \$33.00.
- Blood and Bone.** For garden crops, fruit trees, etc.
200 lbs. \$12.00.
- Cow Manure (Fresh).** Carload lots only. Price on application.
- Clay's Fertilizer.** 112 lbs. \$14.00.
- Horse Manure.** Dried and ground. Carload lots.
Price on application.
- Lime, Agricultural.** For sweetening sour lands. Ton \$30.00.
- Nitrate of Soda.** Hastens maturity of crops. 100 lbs. \$8.00, ton \$118.00.
- Salt, Agricultural.** For top dressing Asparagus beds, etc. 200 lbs. \$4.50.
- Sheep Manure (Pulverized).** Nutritious and quick acting. 100 lbs. \$4.25, ton \$65.00.
- Scotch, Soot.** 112 lbs. \$7.00.
- Thomson's Vine Manure.** 112 lbs. \$12.00.
- Thomson's Chrysanthemum Manure.** 56 lbs. \$10.00.
- Wood Ashes.** Ton \$55.00.

Mapes' Brands

- Potato Manure.** For Potatoes and all root crops.
Ammonia, 4-5%; available phosphoric acid, 7-9%;
potash, 5-6%. 200 lbs. \$10.00, ton \$88.00.
- Corn Manure.** Ammonia, 3-3½%; available phosphoric acid, 8-10%; potash, 3-4%. 200 lbs. \$9.00, ton \$75.00.
- General Truck Manure.** Ammonia, 5-6%; available phosphoric acid, 6-8%; potash, 5-6%. 200 lbs. \$11.00 ton \$95.00.
- General Crop Manure.** For farm and garden crops.
Ammonia, 2%; available phosphoric acid, 8%. 200 lbs. \$7.00, ton \$60.00.

Potomac Brands

- Potato Special.** Ammonia, 4%; available phosphoric acid, 8%; potash, 3%. 200 lbs. \$10.00, ton \$85.00.
- Garden and Truck.** Ammonia, 4%; available phosphoric acid, 8%; potash, 4%. 200 lbs. \$10.00, ton \$88.00.
- Complete Manure.** Ammonia, 2%; available phosphoric acid, 8%; potash, 3%. 200 lbs. \$9.00, ton \$75.00.
- (Potomac Brands are licensed for sale in New York and New Jersey only).

Humus

A natural soil builder and plant producer makes it indispensable in every garden where results are looked for. Our product is a leaf mold in nature crushed to the fineness of rotted manure and air-dried before shipping.

Price, F. O. B. shipping point, 100-lb. bags, \$1.50.

Per ton in bags, \$15.00 carload lots. In bulk, \$9 per ton.

Potting Materials

- Charcoal (Fine).** 100 lbs. \$6.50.
- Charcoal (Lump).** 100 lbs. \$5.50.
- Moss, Live Green Sphagnum.** Bbl. \$4.00.
- Moss (Dry).** 5-bbl. bale, \$5.00.
- Moss, Green, in sheets.** Bag \$5.00.
- Peat, Fibrous, for Orchids, etc.** Bag \$4.00.
- Peat, Jersey.** For mixing with soil. 1-bbl. sack \$3.00.

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